



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

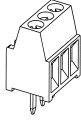
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Index—Eurostyle

**One-Piece Board Mount
(Cage Clamp)**



	Page No.	Page No.	Page No.
16-30 AWG	Straight		
2.54 mm Centerline	8	—	—
5.08 mm Centerline	8	—	—

**Low Profile
High Temperature and Standard**

	Page No.	Page No.	Page No.
16-28 AWG	Straight		
3.5 mm Centerline	9	—	—
3.81 mm Centerline	9	—	—

Stacking with Interlock

	Straight	Rt.-Angle	
14-30 AWG	Straight		
3.50 mm Centerline	9	19	—
3.81 mm Centerline	10	19	—

**Low Profile
Stacking with Interlock**

	Straight	Rt.-Angle	
16-30 AWG	Straight		
5.00 mm Centerline	11	20	—
5.08 mm Centerline	11	21	—
10.00 mm Centerline	16, 17	24	—
10.16 mm Centerline	18	25	—

Stacking with Interlock

	Straight	Rt.-Angle	Angled
12-30 AWG	Straight		
5.00 mm Centerline	12	20, 21, 28	26
5.08 mm Centerline	13, 14	21, 22	26
7.50 mm Centerline	14, 15	23	—
7.62 mm Centerline	15, 16	23	—
10.00 mm Centerline	16, 17	24	27
10.16 mm Centerline	18	25	27

**High Current
Stacking with Interlock**

	Straight	Rt.-Angle	Angled
10-24 AWG	Straight		
6.35 mm Centerline	29	—	—
9.52 mm Centerline	29	—	30

**Multi-Level Stacking
with Interlock
1st and 2nd Level**

16-30 AWG	
5.00 mm Centerline	32
5.08 mm Centerline	33

12-30 AWG	
5.00 mm Centerline	32
5.08 mm Centerline	33, 34

**Multi-Level Stacking with Interlock
2nd and 3rd Level**

16-30 AWG	
5.08 mm Centerline	34
12-30 AWG	
5.08 mm Centerline	35

**Multi-Level Stacking
with Interlock
Three Levels**

	Page No.
16-30 AWG	
5.00 mm Centerline	35
5.08 mm Centerline	36

12-30 AWG	
5.00 mm Centerline	36
5.08 mm Centerline	37

**Multi-Level Stacking
with Interlock 2nd Level**

16-30 AWG	
5.00 mm Centerline	38
5.08 mm Centerline	39

12-30 AWG	
5.00 mm Centerline	38, 39
5.08 mm Centerline	40

**Multi-Level Stacking
with Interlock 3rd Level**

16-30 AWG	
5.00 mm Centerline	41
10.00 mm Centerline	43

12-30 AWG	
5.00 mm Centerline	41
5.08 mm Centerline	42

**One-Piece Board Mount
(Wire Protector Version)**

Straight Stacking with Interlock

14-22 AWG	
5.00 mm Centerline	95

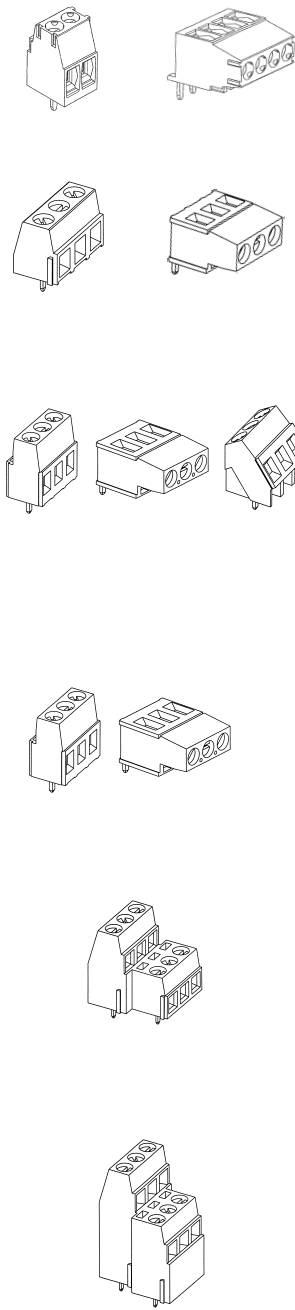
**Low Profile
Straight Stacking with Interlock
(LT)**

14-22 AWG	
5.00 mm Centerline	95, 97

**Straight Stacking with Interlock
(LT)**

18-26 AWG	
3.50 mm Centerline	96

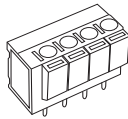
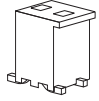
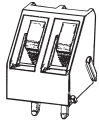
14-22 AWG	
5.00 mm Centerline	98



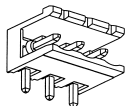
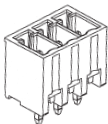
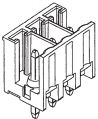
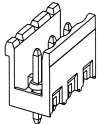
Note: All part numbers are RoHS Compliant.

Index—Eurostyle

One-Piece Board Mount (Wire Protector Version)



Two-Piece



45° Wire Inlet with Interlock (LT)

14-22 AWG	Page No.
5.00 mm Centerline	99
5.08 mm Centerline	99

SMT with Wire Trap

2.5 mm Centerline	101
-------------------	-----

Screwless

14-22 AWG	
5.00 mm Centerline	103-105
5.08 mm Centerline	103-105

Straight Open End Headers

5.00 mm Centerline	51
5.08 mm Centerline	52
7.50 mm Centerline	53
7.62 mm Centerline	54
10.00 mm Centerline	55
10.16 mm Centerline	56

Straight Open End Headers with Interlock

3.50 mm Centerline	49
3.81 mm Centerline	50
5.00 mm Centerline	57
5.08 mm Centerline	57

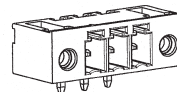
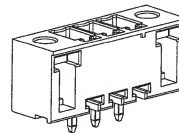
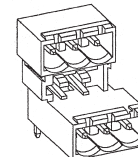
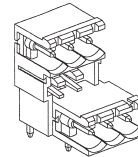
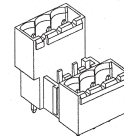
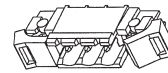
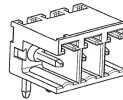
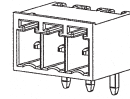
Straight Closed End Headers

3.50 mm Centerline	49
3.81 mm Centerline	50
5.00 mm Centerline	51
5.08 mm Centerline	52
7.50 mm Centerline	53
7.62 mm Centerline	54
10.00 mm Centerline	55
10.16 mm Centerline	56

Right-Angle Open End Stacking Headers

5.00 mm Centerline	59
5.08 mm Centerline	61
7.50 mm Centerline	62
7.62 mm Centerline	63
10.00 mm Centerline	64
10.16 mm Centerline	65

Two-Piece (Continued)



Right-Angle Closed End Headers

	Page No.
3.50 mm Centerline	58
3.81 mm Centerline	58
5.00 mm Centerline	59
5.08 mm Centerline	61
7.50 mm Centerline	62
7.62 mm Centerline	63
10.00 mm Centerline	64
10.16 mm Centerline	65

Right-Angle Open End Headers with Interlock

5.00 mm Centerline	66
5.08 mm Centerline	66

Right-Angle Closed End Headers with Ejectors

5.08 mm Centerline	67
--------------------	----

Straight Closed End Double-Row Headers with Interlock

5.00 mm Centerline	68
5.08 mm Centerline	68
10.00 mm Centerline	69
10.16 mm Centerline	69

Right-Angle Open End Double-Row Headers with Interlock

5.00 mm Centerline	70
5.08 mm Centerline	70

Right-Angle Closed End Double-Row Headers with Interlock

5.00 mm Centerline	71
5.08 mm Centerline	71
10.00 mm Centerline	72
10.16 mm Centerline	72

Straight Headers with Threaded Flange

3.50 mm Centerline	45
3.81 mm Centerline	45
5.08 mm Centerline	46

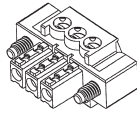
Right-Angle Closed End Headers with Threaded Flange

3.50 mm Centerline	47
3.81 mm Centerline	47
5.00 mm Centerline	48
5.08 mm Centerline	48

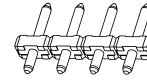
Note: All part numbers are RoHS Compliant.

Index—Eurostyle

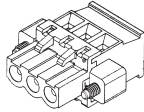
Two-Piece (Continued)



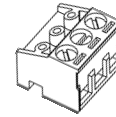
Right-Angle Plugs with Screw Flange	Page No.
14-30 AWG	
3.50 mm Centerline	73
3.81 mm Centerline	73
12-30 AWG	
5.00 mm Centerline	74
5.08 mm Centerline	74



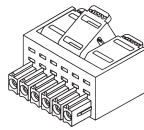
Unshrouded Pin Headers	Page No.
5.0 mm Centerline	85
10.0 mm Centerline	85



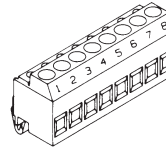
Straight Plugs with Screw Flange, Left- and Right-Hand Versions	Page No.
12-30 AWG	
5.08 mm Centerline	75



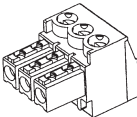
Special 90°/180° and 90°/270° Plug Connectors	Page No.
14-30 AWG	
5.0 mm Centerline	86, 87
10.0 mm Centerline	88



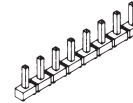
PIVOT BLOCK Plugs (IDC)	Page No.
22-24 AWG	
3.5 mm Centerline	102



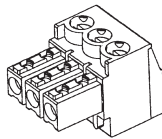
Flush-Mount Plug-In Connectors with Cage Clamp	Page No.
12-30 AWG	
5.00 mm Centerline	89
5.08 mm Centerline	91



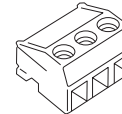
Right-Angle Plugs	Page No.
14-30 AWG	
3.50 mm Centerline	76
3.81 mm Centerline	76



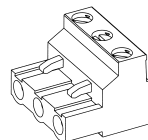
Unshrouded Pin Headers	Page No.
5.00 mm Centerline	90
5.08 mm Centerline	92



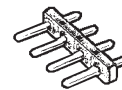
Right-Angle Plugs with Interlock	Page No.
14-30 AWG	
3.81 mm Centerline	80



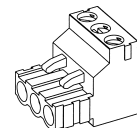
Flush Mount Plug	Page No.
14-22 AWG	
5.00 mm Centerline	100



Right-Angle Plugs with Retention Latch	Page No.
12-30 AWG	
5.00 mm Centerline	77
5.08 mm Centerline	77
7.50 mm Centerline	78
7.62 mm Centerline	78
10.00 mm Centerline	79
10.16 mm Centerline	79

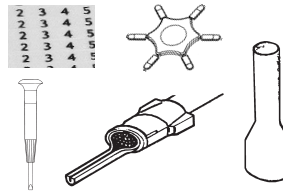


Straight Unshrouded Pin Header	Page No.
5.00 mm Centerline	100

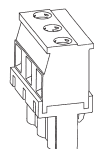


Right-Angle Stacking Plugs with Retention Latch and Interlock	Page No.
12-30 AWG	
5.00 mm Centerline	81
5.08 mm Centerline	81

Accessories



Labeling	106
Polarization Keys	107
Screwdrivers	107
Wire Pins	108
Wire Ferrules	109, 110



Straight Plugs with Retention Latch, Left- and Right-Hand Versions	Page No.
12-30 AWG	
5.00 mm Centerline	82
5.08 mm Centerline	83
7.50 mm Centerline	84
7.62 mm Centerline	84
10.00 mm Centerline	84
10.16 mm Centerline	84

Stacking Screw Clamp Connectors

Product Facts

n Certified by the VDE Testing
and Certification Institute
VDE File No. 6917
(Two-Piece Version)
VDE File No. 6920
(One-Piece Version)



n Recognized under
the Component Program of
Underwriters
Laboratories Inc.,
File No. E60677



n Certified by Canadian
Standards
Association,
File No. 703157

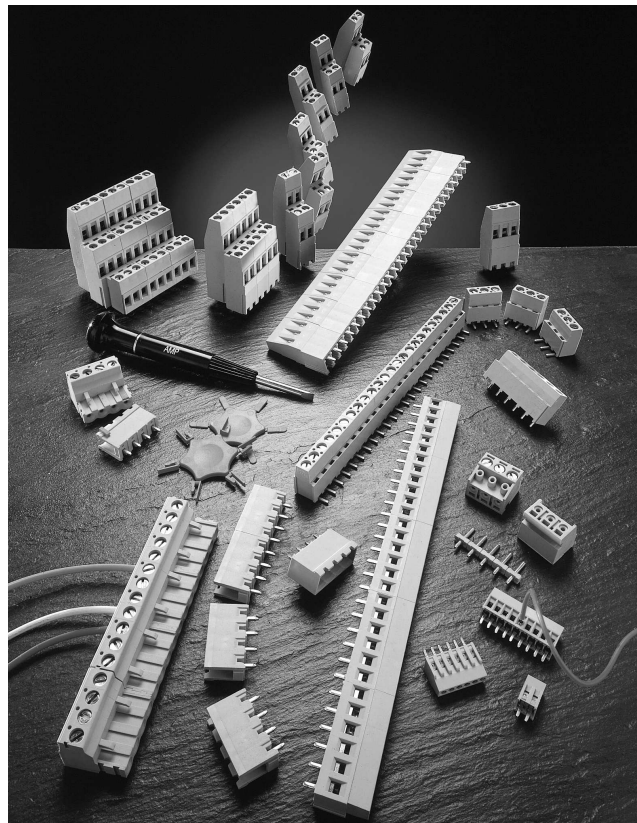


n Produced under Quality
Management System
certified to ISO 9001

Technical Documents

Product Specification:
108-20166 Terminal Block Connectors,
Stacking PC Board Mount

Application Specification:
114-20079 Terminal Block
Stacking Connectors



Terminal Block connectors feature the special rising cage clamp design (see illustration on page 7). The modular design of Terminal Block connectors consists of one-piece board mount terminal blocks and plug connectors with mating straight and right-angle shrouded headers. A special version – which can be mated either 90° or 180° – completes the product line. Terminal Block connectors offer several advantages:

- n IR Reflow compatible
- n Terminal Block connectors have a rising cage clamp which promotes numerous reliable connections and disconnections at field installations
- n All blocks are supplied with open screws which shortens the time for connection
- n The double captive screw system guards against lost screws

- n All metal parts are non-magnetic
- n The housing material used is halogen free Polyamide 6.6 according to UL 94V-0 (self-extinguishing); operating temperature -40°C to +105°C
- n The housing funnel entry design enables an easier product application
- n The open bottom design facilitates the PCB washing and reduces trapping of soldering fumes and dirt, with better insulation
- n Available on the board mount connectors is test probe access to determine if an electrical connection has been made
- n Contacts are post tinned with nickel underplate which allows the product to be used in specially corrosive environments

Board mount connectors, as well as pc board plugs and headers, are stackable end-

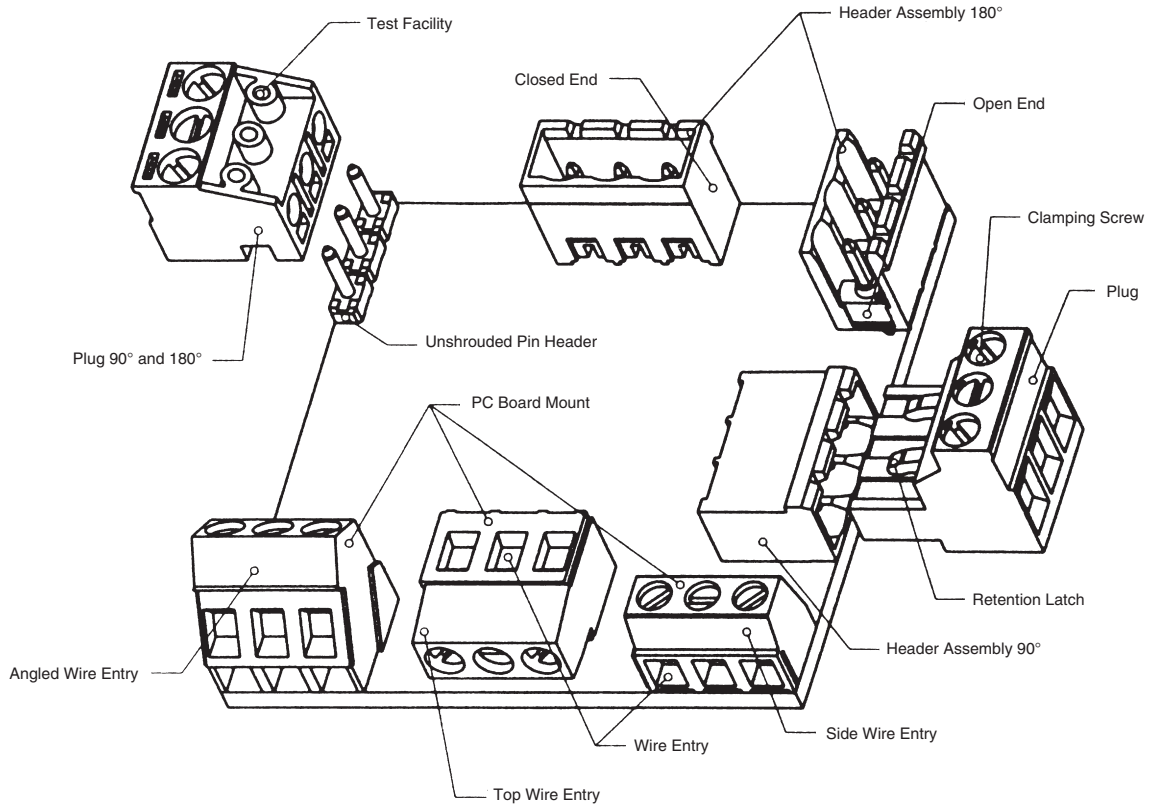
to-end without loss of centerline spacing.

Ease of assembly is facilitated by built-in interlocks on the housings. Pre-assembled products can be delivered upon request. Adhesive labels are available to number the cavities. Customer specific labeling is also available upon request.

Terminal Block connectors are interchangeable with most existing products and pc board footprint is fully compatible with existing Industry Standards.

Note: All part numbers are RoHS Compliant.

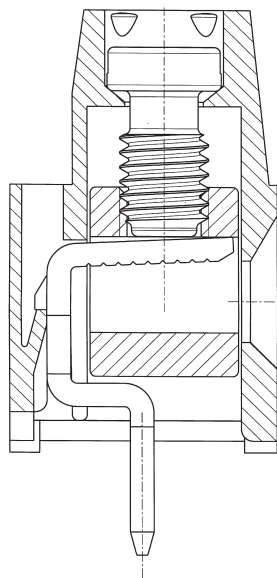
Terminal Block Board Mount Connectors



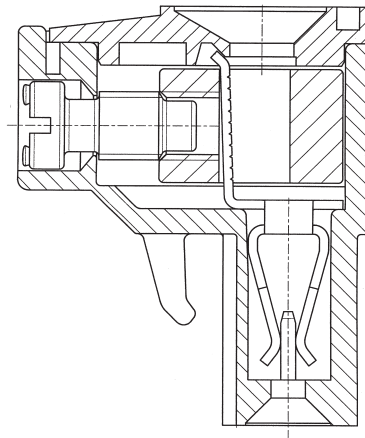
Eurostyle
1

Rising Cage Clamp Design

Cross Section One-Piece Connector



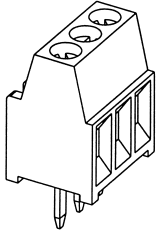
Cross Section Two-Piece Connector



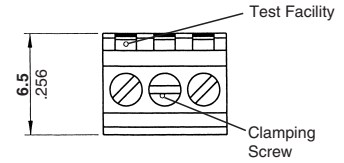
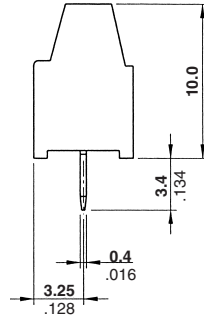
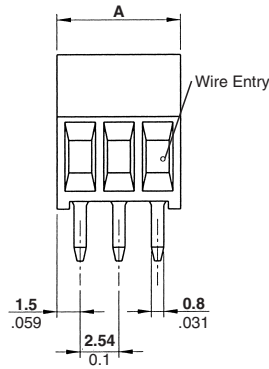
Note: All part numbers are RoHS Compliant.

Board Mount, Side Wire Entry

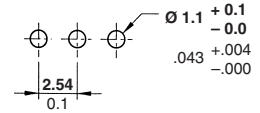
**Board Mount,
2.54 mm Centerline,
Side Wire Entry**
**UL Rating – 150 V, 10 A
16-30 AWG**



Suggested Screw Torque—
1.73 in.-lbs.

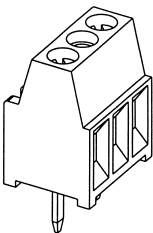


Recommended PC Board Layout

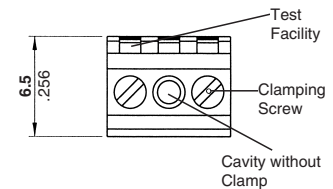
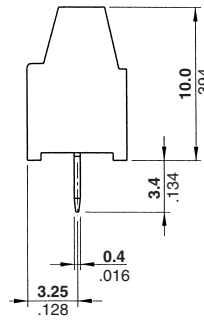
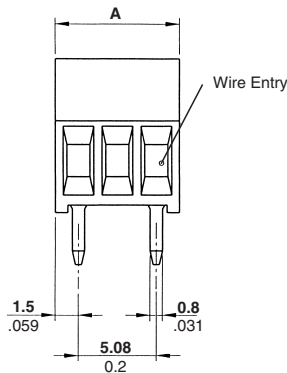


No. of Positions	Dim. A	Part Numbers	
		Green	Gray
2	5.54 [0.218]	282834-2	1546215-2
3	8.08 [0.318]	282834-3	1546215-3
4	10.62 [0.418]	282834-4	1546215-4
5	13.16 [0.518]	282834-5	1546215-5
6	15.70 [0.618]	282834-6	1546215-6
7	18.24 [0.718]	282834-7	1546215-7
8	20.78 [0.818]	282834-8	1546215-8
9	23.32 [0.918]	282834-9	1546215-9
10	25.86 [1.018]	1-282834-0	1-1546215-0
11	28.40 [1.118]	1-282834-1	1-1546215-1
12	30.94 [1.218]	1-282834-2	1-1546215-2

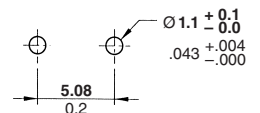
**Board Mount,
5.08 mm Centerline,
Side Wire Entry**
Color – Green
**UL Rating – 300 V, 10 A
16-30 AWG**



Suggested Screw Torque—
1.73 in.-lbs.



Recommended PC Board Layout



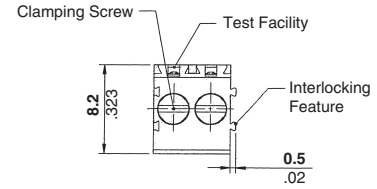
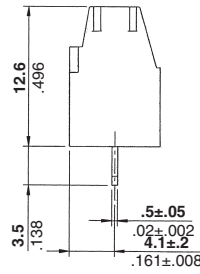
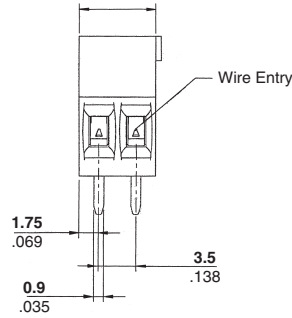
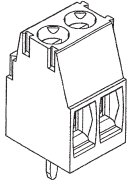
No. of Positions	Dim. A	Part Numbers
2	8.08 [0.318]	282835-2
3	13.16 [0.518]	282835-3
4	18.24 [0.718]	282835-4
5	23.32 [0.918]	282835-5
6	28.40 [1.118]	282835-6

Note: All part numbers are RoHS Compliant.

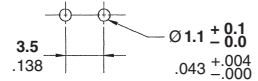
Board Mount, Side Wire Entry

Board Mount w/Interlock, 3.5 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 12 A
14-30 AWG**



Recommended PC Board Layout



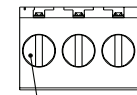
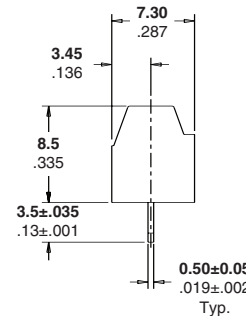
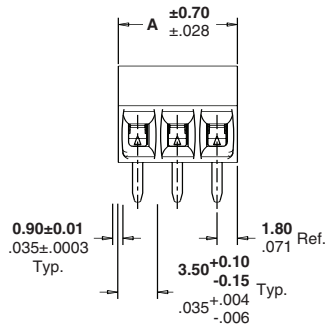
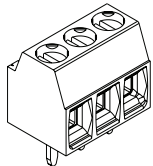
Suggested Screw Torque—
2.2 in.-lbs.

No. of Positions	Dim. A	Part Numbers	
		Green	Blue
2	7.0 [0.276]	284391-2	1546227-2
3	10.5 [0.413]	284391-3	1546227-3
4	14.0 [0.551]	284391-4	1546227-4
5	17.5 [0.689]	284391-5	1546227-5
6	21.0 [0.827]	284391-6	1546227-6
7	24.5 [0.965]	284391-7	1546227-7
8	28.0 [1.102]	284391-8	1546227-8
9	31.5 [1.240]	284391-9	1546227-9
10	35.0 [1.378]	1-284391-0	1-1546227-0
11	38.5 [1.516]	1-284391-1	1-1546227-1
12	42.0 [1.654]	1-284391-2	1-1546227-2
13	45.5 [1.791]	1-284391-3	1-1546227-3

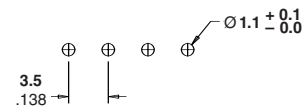
No. of Positions	Dim. A	Part Numbers	
		Green	Blue
14	49.0 [1.929]	1-284391-4	1-1546227-4
15	52.5 [2.067]	1-284391-5	1-1546227-5
16	56.0 [2.205]	1-284391-6	1-1546227-6
17	59.5 [2.343]	1-284391-7	1-1546227-7
18	63.0 [2.480]	1-284391-8	1-1546227-8
19	66.5 [2.618]	1-284391-9	1-1546227-9
20	70.0 [2.756]	2-284391-0	2-1546227-0
21	73.5 [2.894]	2-284391-1	2-1546227-1
22	77.0 [3.031]	2-284391-2	2-1546227-2
23	80.5 [3.169]	2-284391-3	2-1546227-3
24	84.0 [3.307]	2-284391-4	2-1546227-4
25	87.5 [3.445]	2-284391-5	2-1546227-5

Board Mount 3.5 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 12 A
16-28 AWG**



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers	
		Black*	Green
2	7.00 [276]	1776112-2	1546551-2
3	10.50 [.413]	1776112-3	1546551-3
4	14.00 [.551]	1776112-4	1546551-4
5	17.50 [689]	—	1546551-5
6	21.00 [.827]	—	1546551-6
7	24.50 [.965]	—	1546551-7
8	28.00 [1.102]	—	1546551-8
9	31.50 [1.240]	—	1546551-9
10	35.00 [1.378]	—	1-1546551-0
11	38.50 [1.516]	—	1-1546551-1
12	42.00 [1.654]	—	1-1546551-2
13	45.50 [1.791]	—	1-1546551-3

No. of Positions	Dim. A	Part Numbers	
		Black*	Green
14	49.00 [1.929]	—	1-1546551-4
15	52.50 [2.067]	—	1-1546551-5
16	56.00 [2.205]	—	1-1546551-6
17	59.50 [2.343]	—	1-1546551-7
18	63.00 [2.480]	—	1-1546551-8
19	66.50 [2.618]	—	1-1546551-9
20	70.00 [2.756]	—	2-1546551-0
21	73.50 [2.894]	—	2-1546551-1
22	77.00 [3.031]	—	2-1546551-2
23	80.50 [3.169]	—	2-1546551-3
24	84.00 [3.307]	—	2-1546551-4
25	87.50 [3.445]	—	2-1546551-5

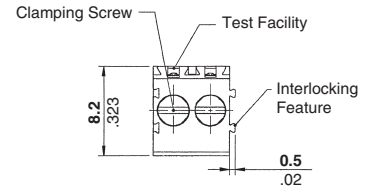
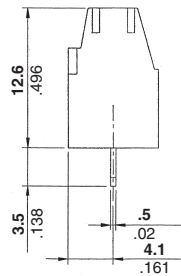
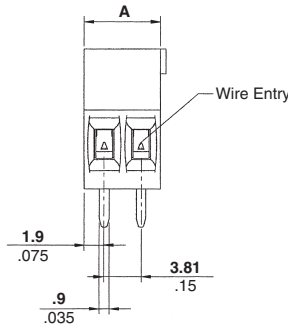
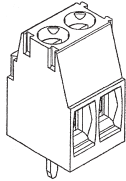
*Wave solder process capable to 265°C [509°F] for 10 seconds

Note: All part numbers are RoHS Compliant.

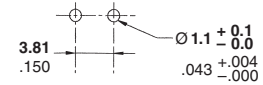
Board Mount, Side Wire Entry (Continued)

**Board Mount w/Interlock,
3.81 mm Centerline,
Side Wire Entry
Color – Green**

**UL Rating – 300 V, 12 A
14-30 AWG**



Recommended PC Board Layout



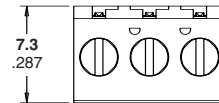
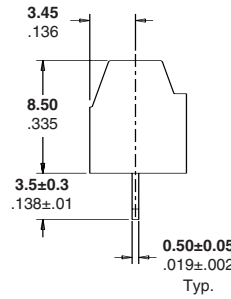
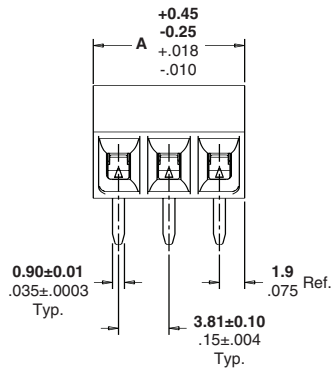
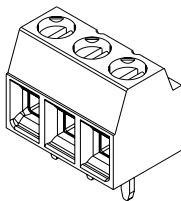
**Suggested Screw Torque—
2.2 in.-lbs.**

No. of Positions	Dim. A	Part Numbers
2	7.62 [0.300]	284392-2
3	11.43 [0.450]	284392-3
4	15.24 [0.600]	284392-4
5	19.05 [0.750]	284392-5
6	22.86 [0.900]	284392-6
7	26.67 [1.050]	284392-7
8	30.48 [1.200]	284392-8
9	34.29 [1.350]	284392-9
10	38.10 [1.500]	1-284392-0
11	41.91 [1.650]	1-284392-1
12	45.72 [1.800]	1-284392-2
13	49.53 [1.950]	1-284392-3

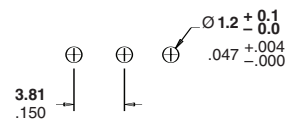
No. of Positions	Dim. A	Part Numbers
14	53.34 [2.100]	1-284392-4
15	57.15 [2.250]	1-284392-5
16	60.96 [2.400]	1-284392-6
17	64.77 [2.550]	1-284392-7
18	68.58 [2.700]	1-284392-8
19	72.39 [2.850]	1-284392-9
20	76.20 [3.000]	2-284392-0
21	80.01 [3.150]	2-284392-1
22	83.82 [3.300]	2-284392-2
23	87.63 [3.450]	2-284392-3
24	91.44 [3.600]	2-284392-4
25	95.25 [3.750]	2-284392-5

**Board Mount,
3.81 mm Centerline,
Side Wire Entry**

**UL Rating – 150 V, 12 A
16-28 AWG**



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers	
		Black*	Green
2	7.62 [.300]	1776113-2	1546552-2
3	11.43 [.450]	1776113-3	1546552-3
4	15.24 [.600]	1776113-4	1546552-4
5	19.05 [.750]	1776113-5	1546552-5
6	22.86 [.900]	1776113-6	1546552-6
7	26.67 [1.050]	1776113-7	1546552-7
8	30.48 [1.200]	1776113-8	1546552-8
9	34.29 [1.350]	1776113-9	1546552-9
10	38.10 [1.500]	1-1776113-0	1-1546552-0
11	41.91 [1.650]	1-1776113-1	1-1546552-1
12	45.72 [1.800]	1-1776113-2	1-1546552-2
13	49.53 [1.950]	—	1-1546552-3

No. of Positions	Dim. A	Part Numbers	
		Black*	Green
14	53.34 [2.100]	—	1-1546552-4
15	57.15 [2.250]	—	1-1546552-5
16	60.96 [2.400]	—	1-1546552-6
17	64.77 [2.550]	—	1-1546552-7
18	68.58 [2.700]	—	1-1546552-8
19	72.39 [2.850]	—	1-1546552-9
20	76.20 [3.000]	—	2-1546552-0
21	80.01 [3.150]	—	2-1546552-1
22	83.82 [3.300]	—	2-1546552-2
23	87.63 [3.450]	—	2-1546552-3
24	91.44 [3.600]	—	2-1546552-4
25	95.25 [3.750]	—	2-1546552-5

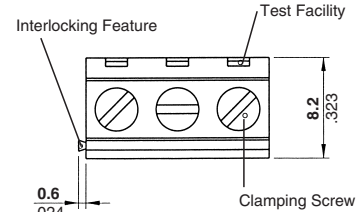
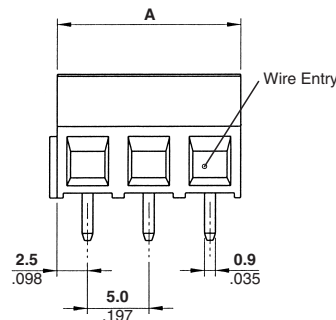
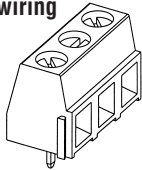
*Wave solder process capable to 265°C [509°F] for 10 seconds

Note: All part numbers are RoHS Compliant.

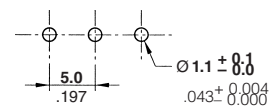
Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, Low Profile, 5.0 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 13.5 A
16-30 AWG
10 A for field wiring applications**



Recommended PC Board Layout



Suggested Screw Torque—
6.0 in.-lbs.

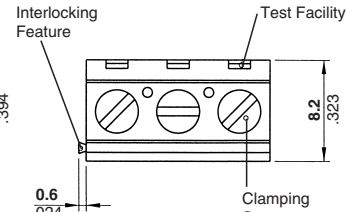
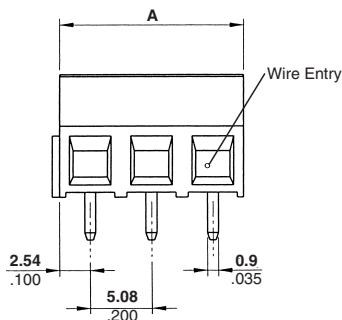
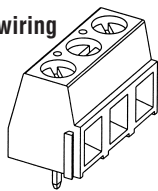
No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
2	10.0 [0.394]	282836-2	1546216-2	1776118-2
3	15.0 [0.591]	282836-3	1546216-3	1776118-3
4	20.0 [0.787]	282836-4	1546216-4	1776118-4
5	25.0 [0.984]	282836-5	1546216-5	1776118-5
6	30.0 [1.181]	282836-6	1546216-6	1776118-6
7	35.0 [1.378]	282836-7	1546216-7	1776118-7
8	40.0 [1.575]	282836-8	1546216-8	1776118-8
9	45.0 [1.772]	282836-9	1546216-9	—
10	50.0 [1.968]	1-282836-0	1-1546216-0	—
11	55.0 [2.165]	1-282836-1	1-1546216-1	—
12	60.0 [2.362]	1-282836-2	1-1546216-2	—
13	65.0 [2.559]	1-282836-4	1-1546216-3	—

No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
14	70.0 [2.756]	1-282836-5	1-1546216-4	—
15	75.0 [2.953]	1-282836-6	1-1546216-5	—
16	80.0 [3.150]	1-282836-7	1-1546216-6	—
17	85.0 [3.346]	1-282836-8	1-1546216-7	—
18	90.0 [3.543]	1-282836-9	1-1546216-8	—
19	95.0 [3.740]	2-282836-0	1-1546216-9	—
20	100.0 [3.937]	2-282836-1	2-1546216-0	—
21	105.0 [4.134]	2-282836-2	2-1546216-1	—
22	110.0 [4.331]	2-282836-3	2-1546216-2	—
23	115.0 [4.528]	2-282836-4	2-1546216-3	—
24	120.0 [4.724]	2-282836-5	2-1546216-4	—
25	125.0 [4.921]	2-282836-6	2-1546216-5	—

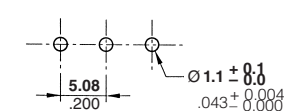
*Wave solder process capable to 265°C [509°F] for 10 seconds

Board Mount w/Interlock, Low Profile, 5.08 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 13.5 A
16-30 AWG
10 A for field wiring applications**



Recommended PC Board Layout



Suggested Screw Torque—
6.0 in.-lbs.

No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
2	10.16 [0.400]	282837-2	1546217-2	1776119-2
3	15.24 [0.600]	282837-3	1546217-3	1776119-3
4	20.32 [0.800]	282837-4	1546217-4	1776119-4
5	25.40 [1.000]	282837-5	1546217-5	1776119-5
6	30.48 [1.200]	282837-6	1546217-6	1776119-6
7	35.56 [1.400]	282837-7	1546217-7	1776119-7
8	40.64 [1.600]	282837-8	1546217-8	1776119-8
9	45.72 [1.800]	282837-9	1546217-9	—
10	50.80 [2.000]	1-282837-0	1-1546217-0	—
11	55.88 [2.200]	1-282837-1	1-1546217-1	—
12	60.96 [2.400]	1-282837-2	1-1546217-2	—
13	66.04 [2.600]	1-282837-6	1-1546217-6	—

No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
14	71.12 [2.800]	1-282837-7	1-1546217-7	—
15	76.20 [3.000]	1-282837-8	1-1546217-8	—
16	81.28 [3.200]	1-282837-9	1-1546217-9	—
17	86.36 [3.400]	2-282837-0	2-1546217-0	—
18	91.44 [3.600]	2-282837-1	2-1546217-1	—
19	96.52 [3.800]	2-282837-2	2-1546217-2	—
20	101.60 [4.000]	2-282837-3	2-1546217-3	—
21	106.68 [4.200]	2-282837-4	2-1546217-4	—
22	111.76 [4.400]	2-282837-5	2-1546217-5	—
23	116.84 [4.600]	2-282837-6	2-1546217-6	—
24	121.92 [4.800]	2-282837-7	2-1546217-7	—
25	127.00 [5.000]	2-282837-8	2-1546217-8	—

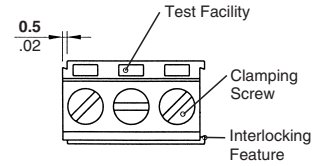
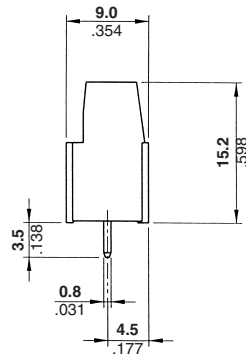
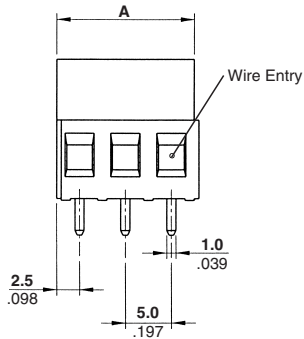
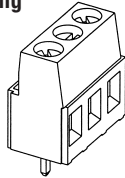
*Wave solder process capable to 265°C [509°F] for 10 seconds

Note: All part numbers are RoHS Compliant.

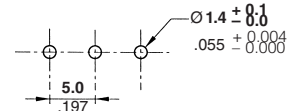
Board Mount, Side Wire Entry (Continued)

**Board Mount w/Interlock,
5.0 mm Centerline,
Side Wire Entry**

**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Recommended PC Board Layout



**Suggested Screw Torque—
7.0 in.-lbs.**

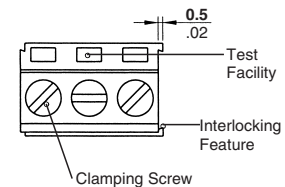
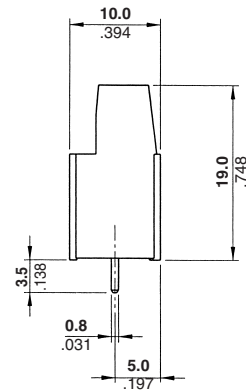
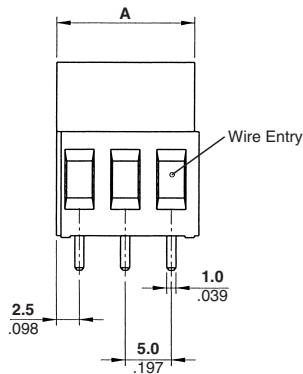
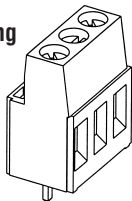
No. of Positions	Dim. A	Part Numbers		
		Green	Blue	Black
2	10.0 [0.394]	796683-2	796681-2	796682-2
3	15.0 [0.591]	796683-3	796681-3	796682-3
4	20.0 [0.787]	796683-4	796681-4	796682-4
5	25.0 [0.984]	796683-5	796681-5	796682-5
6	30.0 [1.181]	796683-6	796681-6	796682-6
7	35.0 [1.378]	796683-7	796681-7	796682-7
8	40.0 [1.575]	796683-8	796681-8	796682-8
9	45.0 [1.772]	796683-9	796681-9	796682-9
10	50.0 [1.968]	1-796683-0	1-796681-0	1-796682-0
11	55.0 [2.165]	1-796683-1	1-796681-1	1-796682-1
12	60.0 [2.362]	1-796683-2	1-796681-2	1-796682-2
13	65.0 [2.559]	1-796683-3	1-796681-3	1-796682-3

No. of Positions	Dim. A	Part Numbers		
		Green	Blue	Black
14	70.0 [2.756]	1-796683-4	1-796681-4	1-796682-4
15	75.0 [2.953]	1-796683-5	1-796681-5	1-796682-5
16	80.0 [3.150]	1-796683-6	1-796681-6	1-796682-6
17	85.0 [3.346]	1-796683-7	1-796681-7	1-796682-7
18	90.0 [3.543]	1-796683-8	1-796681-8	1-796682-8
19	95.0 [3.740]	1-796683-9	1-796681-9	1-796682-9
20	100.0 [3.937]	2-796683-0	2-796681-0	2-796682-0
21	105.0 [4.134]	2-796683-1	2-796681-1	2-796682-1
22	110.0 [4.331]	2-796683-2	2-796681-2	2-796682-2
23	115.0 [4.528]	2-796683-3	2-796681-3	2-796682-3
24	120.0 [4.724]	2-796683-4	2-796681-4	2-796682-4
25	125.0 [4.921]	2-796683-5	2-796681-5	2-796682-5

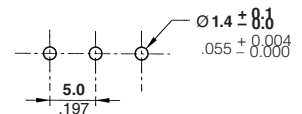
Note: BUCHANAN Terminal Block Series B02C4VxxT has been superceded/replaced with 796681-x.
RDI Terminal Block Series 5KEV-xx has been superceded/replaced with 796683-x (green) or 796682-x (black).

**Board Mount w/Interlock,
5.0 mm Centerline,
Side Wire Entry
Color – Green**

**UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications**



Recommended PC Board Layout



**Suggested Screw Torque—
7.0 in.-lbs.**

No. of Positions	Dim. A	Part Number
2	10.0 [.394]	282856-2
3	15.0 [.591]	282856-3
4	20.0 [.787]	282856-4
5	25.0 [.984]	282856-5
6	30.0 [1.181]	282856-6
7	35.0 [1.378]	282856-7
8	40.0 [1.575]	282856-8
9	45.0 [1.772]	282856-9
10	50.0 [1.968]	1-282856-0
11	55.0 [2.165]	1-282856-1
12	60.0 [2.362]	1-282856-2
13	65.0 [2.559]	1-282856-3

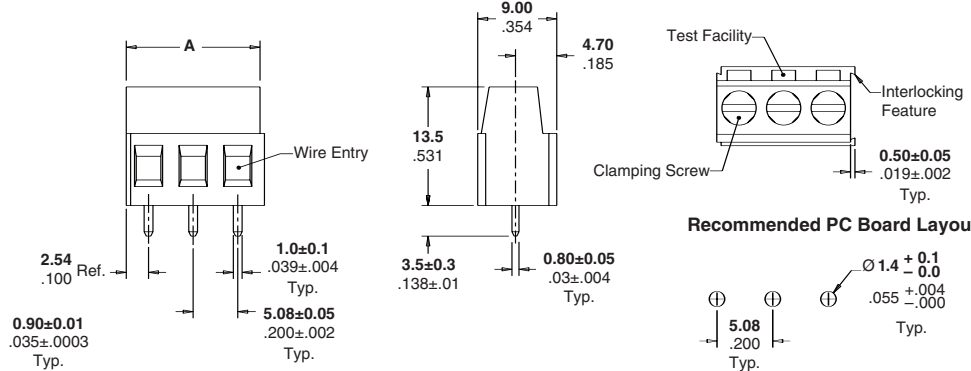
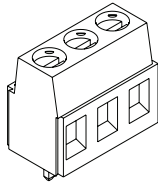
No. of Positions	Dim. A	Part Number
14	70.0 [2.756]	1-282856-5
15	75.0 [2.953]	1-282856-6
16	80.0 [3.150]	1-282856-7
17	85.0 [3.346]	1-282856-8
18	90.0 [3.543]	1-282856-9
19	95.0 [3.740]	2-282856-0
20	100.0 [3.937]	2-282856-1
21	105.0 [4.134]	2-282856-2
22	110.0 [4.331]	2-282856-3
23	115.0 [4.528]	2-282856-4
24	120.0 [4.724]	2-282856-5
25	125.0 [4.921]	2-282856-6

Note: All part numbers are RoHS Compliant.

Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, 5.08 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



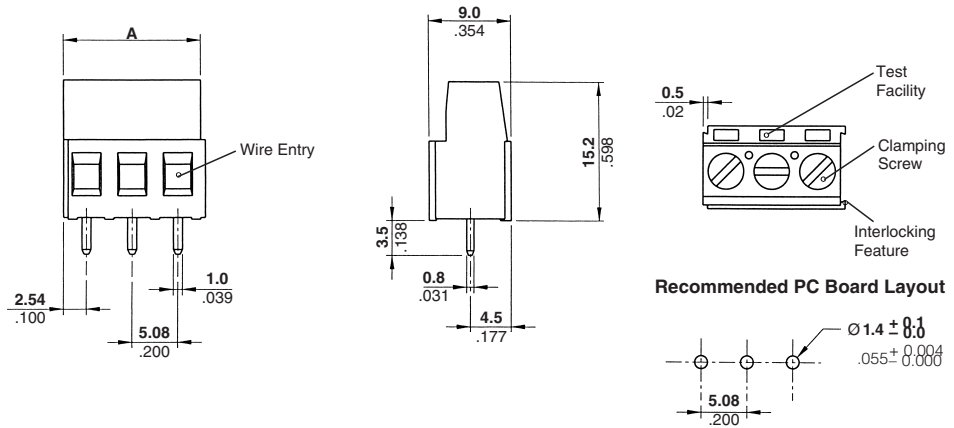
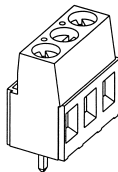
No. of Positions	Dim. A	Part Numbers	
		Black*	Green
2	10.16 [0.400]	1776126-2	796911-2
3	15.24 [0.600]	1776126-3	796911-3
4	20.32 [0.800]	—	796911-4
5	25.40 [1.000]	—	796911-5
6	30.48 [1.200]	—	796911-6
7	35.56 [1.400]	—	796911-7
8	40.64 [1.600]	—	796911-8
9	45.72 [1.800]	—	796911-9
10	50.80 [2.000]	—	1-796911-0
11	55.88 [2.200]	—	1-796911-1
12	60.96 [2.400]	—	1-796911-2
13	66.04 [2.600]	—	1-796911-3

*Wave solder process capable to 265°C [509°F] for 10 seconds

No. of Positions	Dim. A	Part Numbers	
		Black*	Green
14	71.12 [2.800]	—	1-796911-4
15	76.20 [3.000]	—	1-796911-5
16	81.28 [3.200]	—	1-796911-6
17	86.36 [3.400]	—	1-796911-7
18	91.44 [3.600]	—	1-796911-8
19	96.52 [3.800]	—	1-796911-9
20	101.60 [4.000]	—	2-796911-0
21	106.68 [4.200]	—	2-796911-1
22	111.76 [4.400]	—	2-796911-2
23	116.84 [4.600]	—	2-796911-3
24	121.92 [4.800]	—	2-796911-4
25	127.00 [5.000]	—	2-796911-5

Board Mount w/Interlock, 5.08 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.

No. of Positions	Dim. A	Part Numbers		
		Green	Black	Gray
2	10.16 [0.400]	282841-2	796949-2	1546218-2
3	15.24 [0.600]	282841-3	796949-3	1546218-3
4	20.32 [0.800]	282841-4	796949-4	1546218-4
5	25.40 [1.000]	282841-5	796949-5	1546218-5
6	30.48 [1.200]	282841-6	796949-6	1546218-6
7	35.56 [1.400]	282841-7	796949-7	1546218-7
8	40.64 [1.600]	282841-8	796949-8	1546218-8
9	45.72 [1.800]	282841-9	796949-9	1546218-9
10	50.80 [2.000]	1-282841-0	1-796949-0	1-1546218-0
11	55.88 [2.200]	1-282841-1	1-796949-1	1-1546218-1
12	60.96 [2.400]	1-282841-2	1-796949-2	1-1546218-2
13	66.04 [2.600]	1-282841-6	1-796949-3	1-1546218-3

No. of Positions	Dim. A	Part Numbers		
		Green	Black	Gray
14	71.12 [2.800]	1-282841-7	1-796949-4	1-1546218-4
15	76.20 [3.000]	1-282841-8	1-796949-5	1-1546218-5
16	81.28 [3.200]	1-282841-9	1-796949-6	1-1546218-6
17	86.36 [3.400]	2-282841-0	1-796949-7	1-1546218-7
18	91.44 [3.600]	2-282841-1	1-796949-8	1-1546218-8
19	96.52 [3.800]	2-282841-2	1-796949-9	1-1546218-9
20	101.60 [4.000]	2-282841-3	2-796949-0	2-1546218-0
21	106.68 [4.200]	2-282841-4	2-796949-1	2-1546218-1
22	111.76 [4.400]	2-282841-5	2-796949-2	2-1546218-2
23	116.84 [4.600]	2-282841-6	2-796949-3	2-1546218-3
24	121.92 [4.800]	2-282841-7	2-796949-4	2-1546218-4
25	127.00 [5.000]	2-282841-8	2-796949-5	2-1546218-5

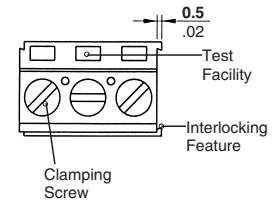
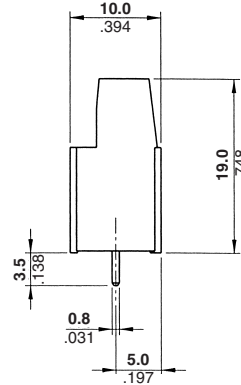
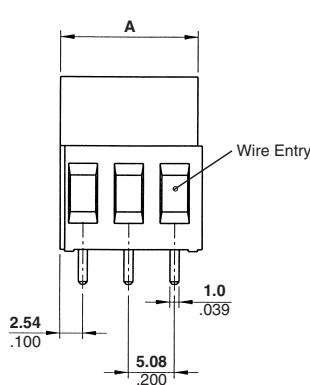
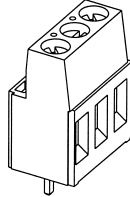


Note: All part numbers are RoHS Compliant.

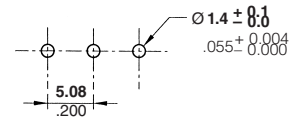
Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, 5.08 mm Centerline, Side Wire Entry
Color – Green

UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications



Recommended PC Board Layout



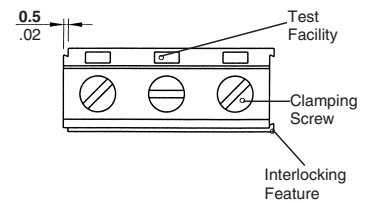
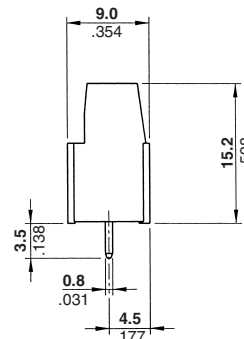
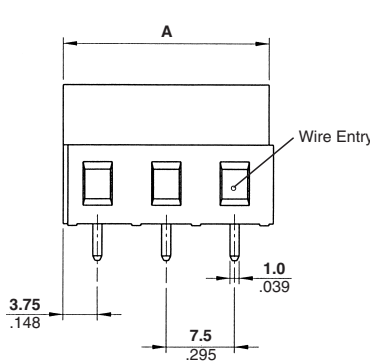
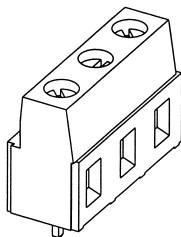
Suggested Screw Torque—
7.0 in.-lbs.

No. of Positions	Dim. A	Part Numbers
2	10.16 [0.400]	282857-2
3	15.24 [0.600]	282857-3
4	20.32 [0.800]	282857-4
5	25.40 [1.000]	282857-5
6	30.48 [1.200]	282857-6
7	35.56 [1.400]	282857-7
8	40.64 [1.600]	282857-8
9	45.72 [1.800]	282857-9
10	50.80 [2.000]	1-282857-0
11	55.88 [2.200]	1-282857-1
12	60.96 [2.400]	1-282857-2
13	66.04 [2.600]	1-282857-3

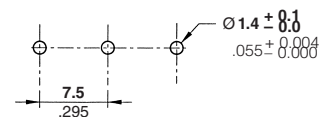
No. of Positions	Dim. A	Part Numbers
14	71.12 [2.800]	1-282857-4
15	76.20 [3.000]	1-282857-5
16	81.28 [3.200]	1-282857-6
17	86.36 [3.400]	1-282857-7
18	91.44 [3.600]	1-282857-8
19	96.52 [3.800]	1-282857-9
20	101.60 [4.000]	2-282857-0
21	106.68 [4.200]	2-282857-1
22	111.76 [4.400]	2-282857-2
23	116.84 [4.600]	2-282857-3
24	121.92 [4.800]	2-282857-4
25	127.00 [5.000]	2-282857-5

Board Mount w/Interlock, 7.5 mm Centerline, Side Wire Entry
Color – Green

UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications



Recommended PC Board Layout



Suggested Screw Torque—
7.0 in.-lbs.

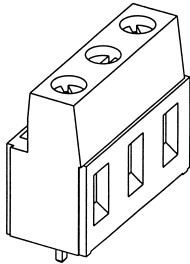
No. of Positions	Dim. A	Part Numbers
2	15.0 [0.591]	282844-2
3	22.5 [0.886]	282844-3
4	30.0 [1.181]	282844-4

Note: All part numbers are RoHS Compliant.

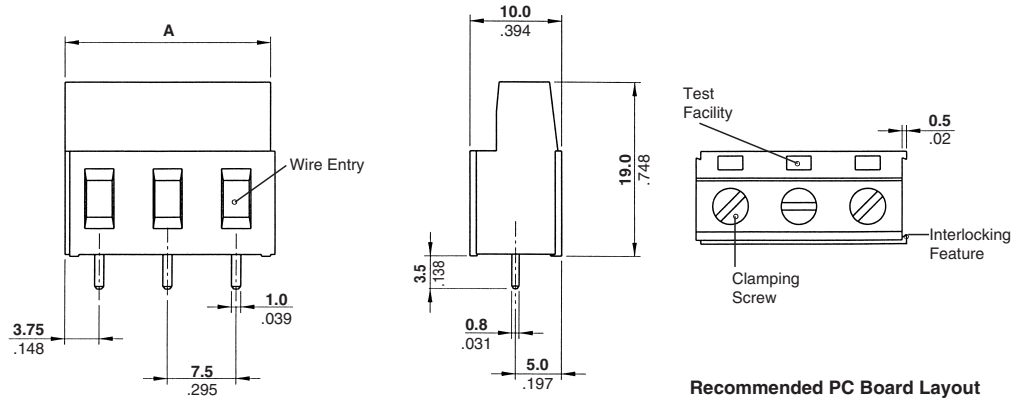
Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, 7.5 mm Centerline, Side Wire Entry

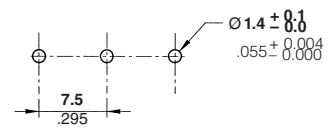
**UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.



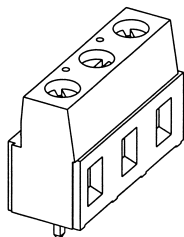
Recommended PC Board Layout



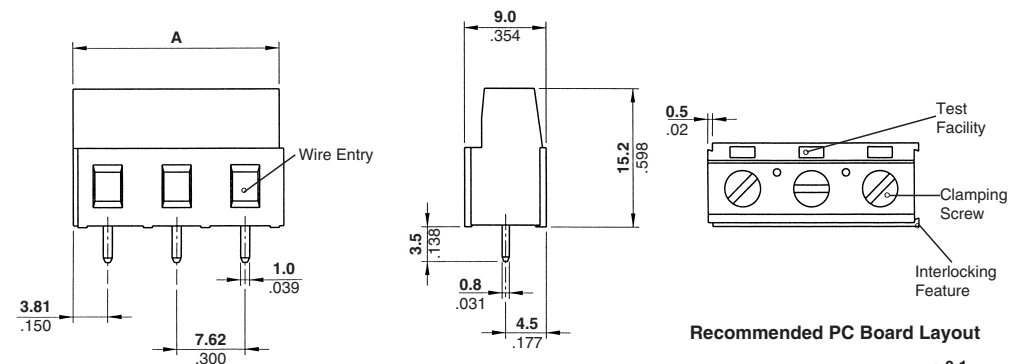
No. of Positions	Dim. A	Part Numbers	
		Green	Black
2	15.0 [0.591]	282860-2	1546062-2
3	22.5 [0.886]	282860-3	1546062-3
4	30.0 [1.181]	282860-4	1546062-4

**Board Mount w/Interlock, 7.62 mm Centerline, Side Wire Entry
Color – Green**

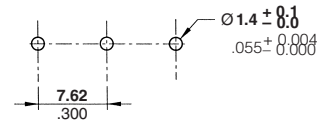
**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers
2	15.24 [.600]	282845-2
3	22.86 [.900]	282845-3

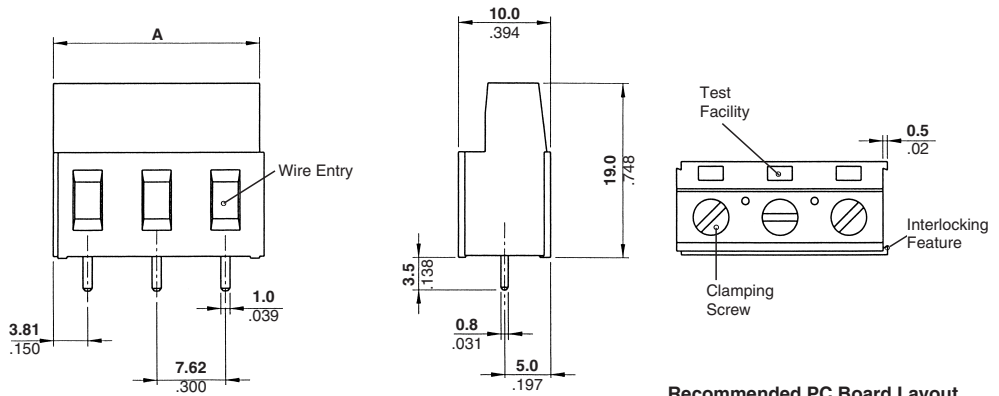
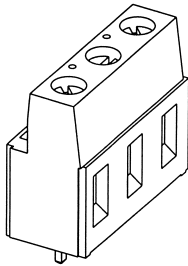


Note: All part numbers are RoHS Compliant.

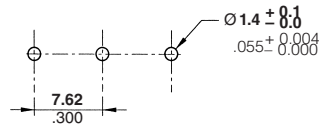
Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, 7.62 mm Centerline, Side Wire Entry Color – Green

**UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications**



Recommended PC Board Layout

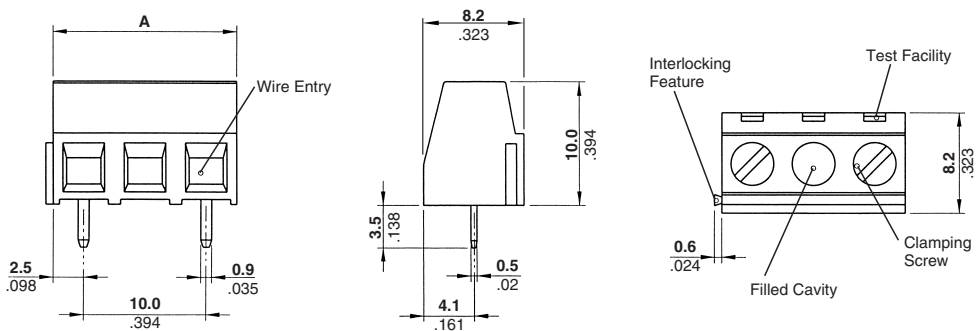
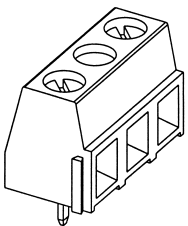


Suggested Screw Torque—
7.0 in.-lbs.

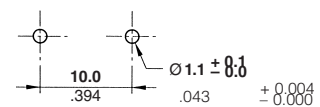
No. of Positions	Dim. A	Part Numbers
2	15.24 [.600]	282861-2
3	22.86 [.900]	282861-3

Board Mount, Low Profile, 10.0 mm Centerline, Side Wire Entry

**UL Rating – 600 V, 13.5 A
16-30 AWG
10 A for field wiring applications**



Recommended PC Board Layout



Suggested Screw Torque—
6.0 in.-lbs.

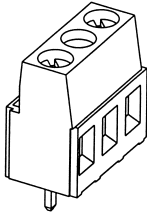
No. of Positions	Dim. A	Part Numbers	
		Green	Black*
2	15.0 [0.591]	282838-2	1776112-2
3	25.0 [0.984]	282838-3	1776112-3
4	35.0 [1.378]	282838-4	1776112-4
5	45.0 [1.772]	282838-5	—
6	55.0 [2.165]	282838-6	—
7	65.0 [2.559]	282838-8	—
8	75.0 [2.953]	282838-9	—
9	85.0 [3.346]	1-282838-0	—
10	95.0 [3.740]	1-282838-1	—
11	105.0 [4.134]	1-282838-2	—
12	115.0 [4.528]	1-282838-3	—
13	125.0 [4.921]	1-282838-4	—

*Wave solder process capable to 265°C [509°F] for 10 seconds

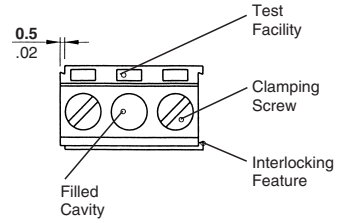
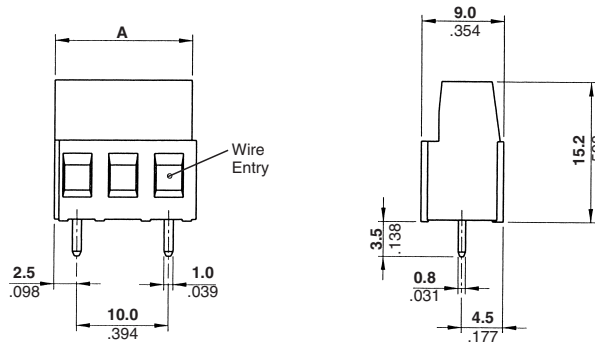
Note: All part numbers are RoHS Compliant.

Board Mount, Side Wire Entry (Continued)

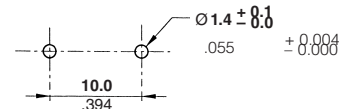
Board Mount
10.0 mm Centerline,
Side Wire Entry
Color – Green
UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field wiring applications



Suggested Screw Torque—
 7.0 in.-lbs.

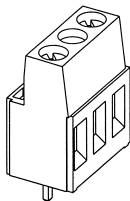


Recommended PC Board Layout

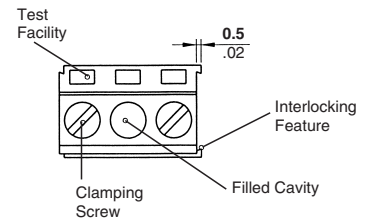
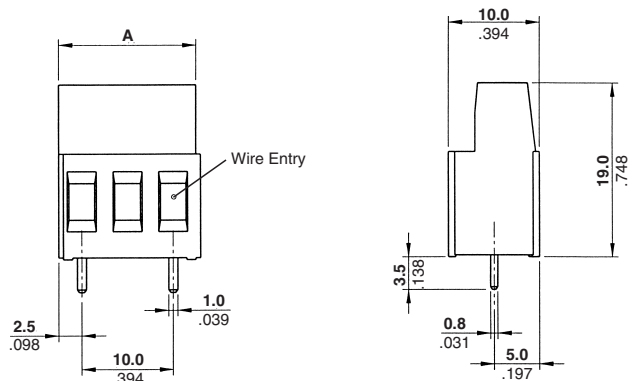


No. of Positions	Dim. A	Part Numbers
2	15.0 [0.591]	282842-2
3	25.0 [0.984]	282842-3
4	35.0 [1.378]	282842-4
5	45.0 [1.772]	282842-5
6	55.0 [2.165]	282842-6
7	65.0 [2.559]	282842-7
8	75.0 [2.953]	282842-8
9	85.0 [3.346]	282842-9
10	95.0 [3.740]	1-282842-0
11	105.0 [4.134]	1-282842-1
12	115.0 [4.528]	1-282842-2
13	125.0 [4.921]	1-282842-3

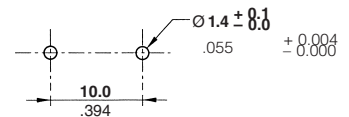
Board Mount
10.0 mm Centerline,
Side Wire Entry
Color – See Chart
UL Rating – 600 V, 24 A
12-30 AWG
20 A for field wiring applications



Suggested Screw Torque—
 7.0 in.-lbs.



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers	
		Green	Blue
2	15.0 [.591]	282858-2	796704-2
3	25.0 [.984]	282858-3	796704-3
4	35.0 [1.378]	282858-4	796704-4
5	45.0 [1.772]	282858-5	796704-5
6	55.0 [2.165]	282858-6	796704-6
7	65.0 [2.559]	282858-7	796704-7

No. of Positions	Dim. A	Part Numbers	
		Green	Blue
8	75.0 [2.953]	282858-8	796704-8
9	85.0 [3.346]	282858-9	796704-9
10	95.0 [3.740]	1-282858-0	1-796704-0
11	105.0 [4.134]	1-282858-1	1-796704-1
12	115.0 [4.528]	1-282858-2	1-796704-2
13	125.0 [4.921]	1-282858-3	1-796704-3

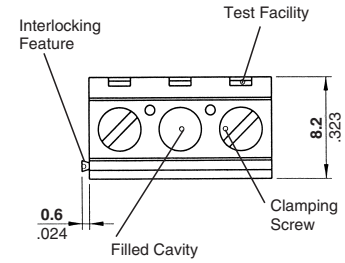
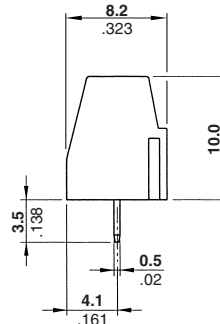
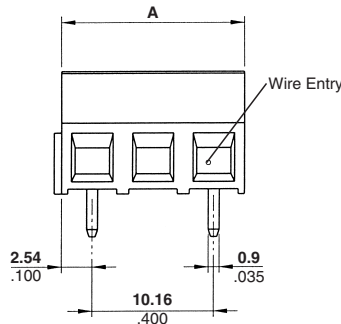
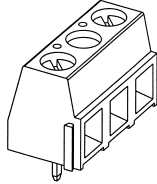
Note: BUCHANAN Terminal Block Series B03C5VxxT has been superseded/replaced with 796704-x.

Note: All part numbers are RoHS Compliant.

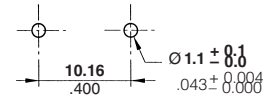
Board Mount, Side Wire Entry (Continued)

Board Mount w/Interlock, Low Profile, 10.16 mm Centerline, Side Wire Entry

**UL Rating – 300 V, 13.5 A
16-30 AWG
15 A for field wiring applications**



Recommended PC Board Layout



Suggested Screw Torque—
6.0 in.-lbs.

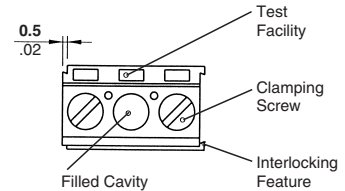
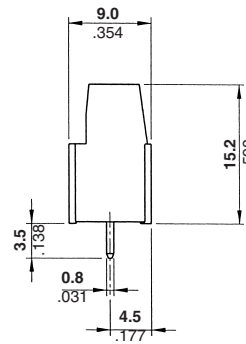
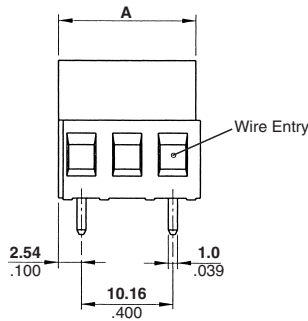
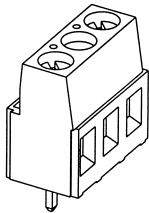
No. of Positions	Dim. A	Part Numbers	
		Green	Black*
2	15.24 [0.600]	282839-2	1776123-2
3	25.40 [1.000]	282839-3	1776123-3
4	35.56 [1.400]	282839-4	1776123-4
5	45.72 [1.800]	282839-5	—
6	55.88 [2.200]	282839-6	—
7	66.04 [2.600]	282839-7	—

*Wave solder process capable to 265°C [509°F] for 10 seconds

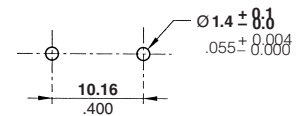
No. of Positions	Dim. A	Part Numbers	
		Green	Black*
8	76.20 [3.000]	282839-8	—
9	86.36 [3.400]	282839-9	—
10	96.52 [3.800]	1-282839-0	—
11	106.68 [4.200]	1-282839-1	—
12	116.84 [4.600]	1-282839-2	—
13	127.00 [5.000]	1-282839-3	—

**Board Mount
10.16 mm Centerline,
Side Wire Entry
Color – Green**

**UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Recommended PC Board Layout



Suggested Screw Torque—
7.0 in.-lbs.

No. of Positions	Dim. A	Part Numbers
2	15.24 [0.600]	282843-2
3	25.40 [1.000]	282843-3
4	35.56 [1.400]	282843-4
5	45.72 [1.800]	282843-5
6	55.88 [2.200]	282843-6
7	66.04 [2.600]	282843-7

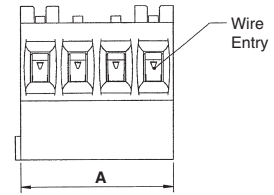
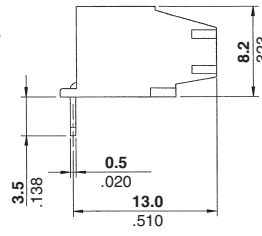
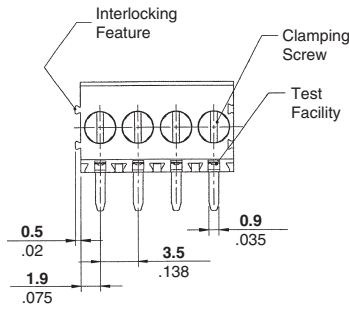
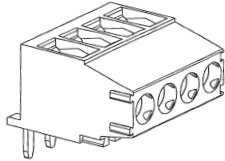
No. of Positions	Dim. A	Part Numbers
8	76.20 [3.000]	282843-8
9	86.36 [3.400]	282843-9
10	96.52 [3.800]	1-282843-0
11	106.68 [4.200]	1-282843-1
12	116.84 [4.600]	1-282843-2
13	127.00 [5.000]	1-282843-3

Note: All part numbers are RoHS Compliant.

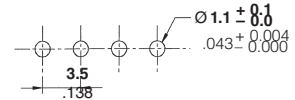
Board Mount, Top Wire Entry

Board Mount w/Interlock, 3.5 mm Centerline, Top Wire Entry, Color – Green

UL Rating – 300 V, 12 A 14-30 AWG



Recommended PC Board Layout



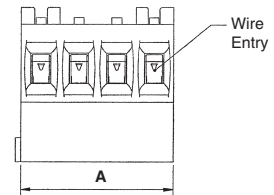
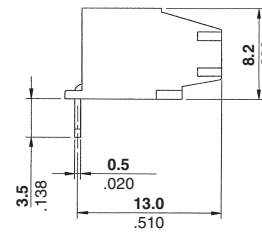
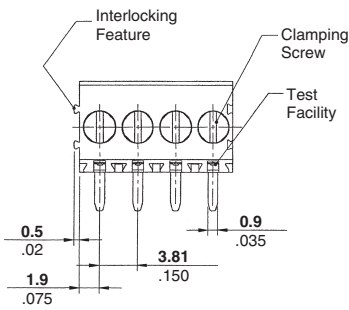
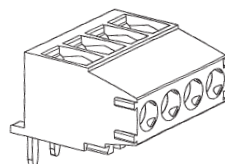
Suggested Screw Torque—
2.2 in.-lbs.

No. of Positions	Dim. A	Part Numbers
2	7.0 [0.276]	284414-2
3	10.5 [0.413]	284414-3
4	14.0 [0.551]	284414-4
5	17.5 [0.689]	284414-5
6	21.0 [0.827]	284414-6
7	24.5 [0.965]	284414-7
8	28.0 [1.102]	284414-8
9	31.5 [1.240]	284414-9
10	35.0 [1.378]	1-284414-0
11	38.5 [1.516]	1-284414-1
12	42.0 [1.654]	1-284414-2
13	45.5 [1.791]	1-284414-3

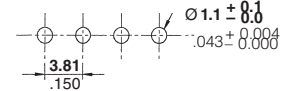
No. of Positions	Dim. A	Part Numbers
14	49.0 [1.929]	1-284414-4
15	52.5 [2.067]	1-284414-5
16	56.0 [2.205]	1-284414-6
17	59.5 [2.343]	1-284414-7
18	63.0 [2.480]	1-284414-8
19	66.5 [2.618]	1-284414-9
20	70.0 [2.756]	2-284414-0
21	73.5 [2.894]	2-284414-1
22	77.0 [3.031]	2-284414-2
23	80.5 [3.169]	2-284414-3
24	84.0 [3.307]	2-284414-4
25	87.5 [3.445]	2-284414-5

Board Mount w/Interlock, 3.81 mm Centerline, Top Wire Entry, Color – Green

UL Rating – 300 V, 12 A 14-30 AWG



Recommended PC Board Layout



Suggested Screw Torque—
2.2 in.-lbs.

No. of Positions	Dim. A	Part Numbers
2	7.62 [0.300]	284415-2
3	11.43 [0.450]	284415-3
4	15.24 [0.600]	284415-4
5	19.05 [0.750]	284415-5
6	22.86 [0.900]	284415-6
7	26.67 [1.050]	284415-7
8	30.48 [1.200]	284415-8
9	34.29 [1.350]	284415-9
10	38.10 [1.500]	1-284415-0
11	41.91 [1.650]	1-284415-1
12	45.72 [1.800]	1-284415-2
13	49.53 [1.950]	1-284415-3

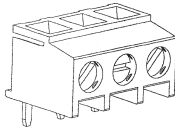
No. of Positions	Dim. A	Part Numbers
14	53.34 [2.100]	1-284415-4
15	57.15 [2.250]	1-284415-5
16	60.96 [2.400]	1-284415-6
17	64.77 [2.550]	1-284415-7
18	68.58 [2.700]	1-284415-8
19	72.39 [2.850]	1-284415-9
20	76.20 [3.000]	2-284415-0
21	80.01 [3.150]	2-284415-1
22	83.82 [3.300]	2-284415-2
23	87.63 [3.450]	2-284415-3
24	91.44 [3.600]	2-284415-4
25	95.25 [3.750]	2-284415-5



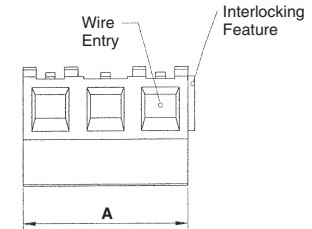
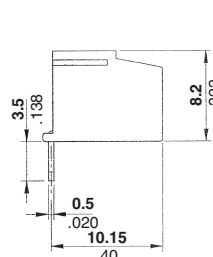
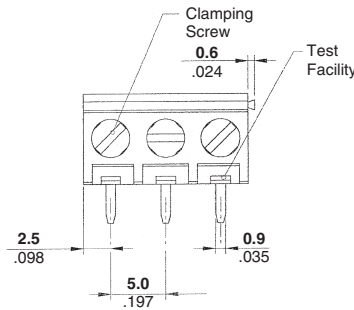
Note: All part numbers are RoHS Compliant.

Board Mount, Top Wire Entry (Continued)

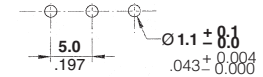
**Board Mount, Low Profile
5.0 mm Centerline,
Top Wire Entry**
**UL Rating – 300 V, 13.5 A
16-30 AWG
10 A for field wiring applications**



Suggested Screw Torque—
6.0 in.-lbs.



Recommended PC Board Layout

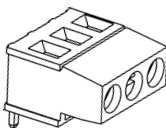


No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
2	10.0 [0.394]	284093-2	1546225-2	1776120-2
3	15.0 [0.591]	284093-3	1546225-3	1776120-3
4	20.0 [0.787]	284093-4	1546225-4	1776120-4
5	25.0 [0.984]	284093-5	1546225-5	1776120-5
6	30.0 [1.181]	284093-6	1546225-6	1776120-6
7	35.0 [1.378]	284093-7	1546225-7	1776120-7
8	40.0 [1.575]	284093-8	1546225-8	1776120-8
9	45.0 [1.772]	284093-9	1546225-9	—
10	50.0 [1.968]	1-284093-0	1-1546225-0	—
11	55.0 [2.165]	1-284093-1	1-1546225-1	—
12	60.0 [2.362]	1-284093-2	1-1546225-2	—
13	65.0 [2.559]	1-284093-3	1-1546225-3	—

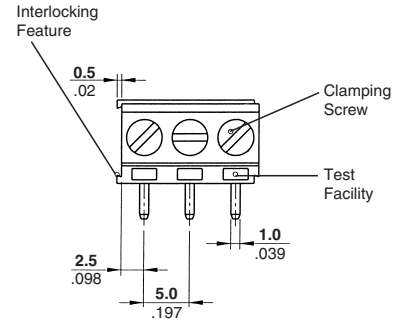
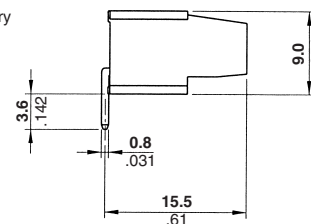
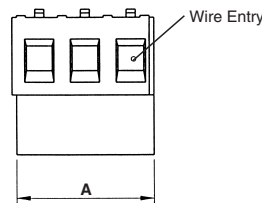
No. of Positions	Dim. A	Part Numbers		
		Green	Gray	Black*
14	70.0 [2.756]	1-284093-4	1-1546225-4	—
15	75.0 [2.953]	1-284093-5	1-1546225-5	—
16	80.0 [3.150]	1-284093-6	1-1546225-6	—
17	85.0 [3.346]	1-284093-7	1-1546225-7	—
18	90.0 [3.543]	1-284093-8	1-1546225-8	—
19	95.0 [3.740]	1-284093-9	1-1546225-9	—
20	100.0 [3.937]	2-284093-0	2-1546225-0	—
21	105.0 [4.134]	2-284093-1	2-1546225-1	—
22	110.0 [4.331]	2-284093-2	2-1546225-2	—
23	115.0 [4.528]	2-284093-3	2-1546225-3	—
24	120.0 [4.724]	2-284093-4	2-1546225-4	—
25	125.0 [4.921]	2-284093-5	2-1546225-5	—

*Wave solder process capable to 265°C [509°F] for 10 seconds

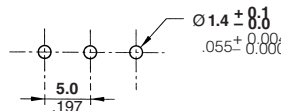
**Board Mount w/Interlock,
5.0 mm Centerline,
Top Wire Entry**
**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers	
		Green	Blue
2	10.0 [0.394]	796748-2	796684-2
3	15.0 [0.591]	796748-3	796684-3
4	20.0 [0.787]	796748-4	796684-4
5	25.0 [0.984]	796748-5	796684-5
6	30.0 [1.181]	796748-6	796684-6
7	35.0 [1.378]	796748-7	796684-7
8	40.0 [1.575]	796748-8	796684-8
9	45.0 [1.772]	796748-9	796684-9
10	50.0 [1.968]	1-796748-0	1-796684-0
11	55.0 [2.165]	1-796748-1	1-796684-1
12	60.0 [2.362]	1-796748-2	1-796684-2
13	65.0 [2.559]	1-796748-3	1-796684-3

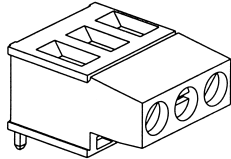
No. of Positions	Dim. A	Part Numbers	
		Green	Blue
14	70.0 [2.756]	1-796748-4	1-796684-4
15	75.0 [2.953]	1-796748-5	1-796684-5
16	80.0 [3.150]	1-796748-6	1-796684-6
17	85.0 [3.346]	1-796748-7	1-796684-7
18	90.0 [3.543]	1-796748-8	1-796684-8
19	95.0 [3.740]	1-796748-9	1-796684-9
20	100.0 [3.937]	2-796748-0	2-796684-0
21	105.0 [4.134]	2-796748-1	2-796684-1
22	110.0 [4.331]	2-796748-2	2-796684-2
23	115.0 [4.528]	2-796748-3	2-796684-3
24	120.0 [4.724]	2-796748-4	2-796684-4
25	125.0 [4.921]	2-796748-5	2-796684-5

Note: BUCHANAN Terminal Block Series B02C4HxxT has been superseded/replaced with 796684-xx (blue).

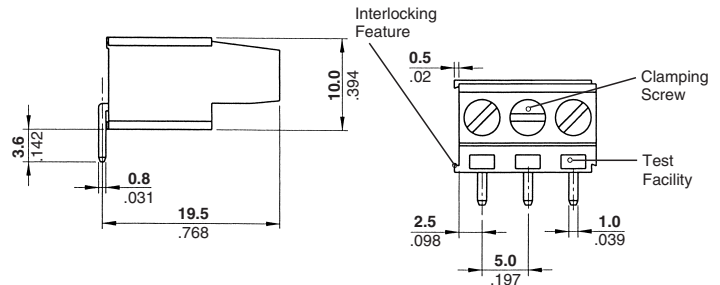
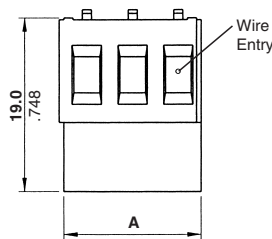
Note: All part numbers are RoHS Compliant.

Board Mount, Top Wire Entry (Continued)

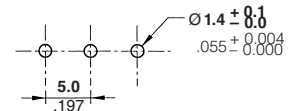
Board Mount w/Interlock, 5.0 mm Centerline, Top Wire Entry
Color – Green
UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications



Suggested Screw Torque—
 7.0 in.-lbs.



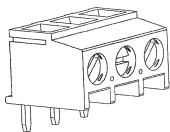
Recommended PC Board Layout



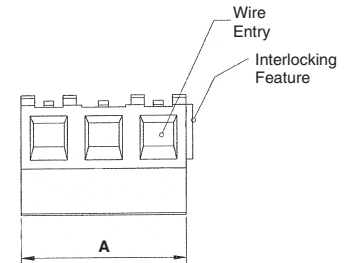
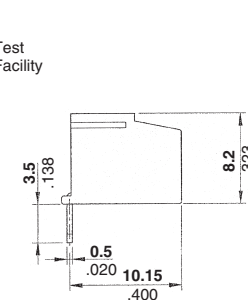
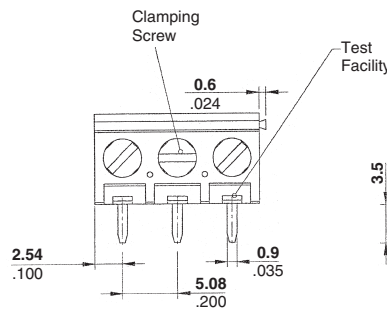
No. of Positions	Dim. A	Part Numbers
2	10.0 [.394]	282862-2
3	15.0 [.591]	282862-3
4	20.0 [.787]	282862-4
5	25.0 [.984]	282862-5
6	30.0 [1.181]	282862-6
7	35.0 [1.378]	282862-7
8	40.0 [1.575]	282862-8
9	45.0 [1.772]	282862-9
10	50.0 [1.968]	1-282862-0
11	55.0 [2.165]	1-282862-1
12	60.0 [2.362]	1-282862-2
13	65.0 [2.559]	1-282862-3

No. of Positions	Dim. A	Part Numbers
14	70.0 [2.756]	1-282862-4
15	75.0 [2.953]	1-282862-5
16	80.0 [3.150]	1-282862-6
17	85.0 [3.346]	1-282862-7
18	90.0 [3.543]	1-282862-8
19	95.0 [3.740]	1-282862-9
20	100.0 [3.937]	2-282862-0
21	105.0 [4.134]	2-282862-1
22	110.0 [4.331]	2-282862-2
23	115.0 [4.528]	2-282862-3
24	120.0 [4.724]	2-282862-4
25	125.0 [4.921]	2-282862-5

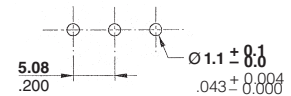
Board Mount w/Interlock, Low Profile, 5.08 mm Centerline, Top Wire Entry
UL Rating – 300 V, 13.5 A
16-30 AWG
10 A for field wiring applications



Suggested Screw Torque—
 6.0 in.-lbs.



Recommended PC Board Layout



No. of Positions	Dim. A	Part Numbers	
		Green	Black*
2	10.16 [0.400]	284094-2	1776121-2
3	15.24 [0.600]	284094-3	1776121-3
4	20.32 [0.800]	284094-4	1776121-4
5	25.40 [1.000]	284094-5	1776121-5
6	30.48 [1.200]	284094-6	1776121-6
7	35.56 [1.400]	284094-7	1776121-7
8	40.64 [1.600]	284094-8	1776121-8
9	45.72 [1.800]	284094-9	—
10	50.80 [2.000]	1-284094-0	—
11	55.88 [2.200]	1-284094-1	—
12	60.96 [2.400]	1-284094-2	—
13	66.04 [2.600]	1-284094-3	—

No. of Positions	Dim. A	Part Numbers	
		Green	Black*
14	71.12 [2.800]	1-284094-4	—
15	76.20 [3.000]	1-284094-5	—
16	81.28 [3.200]	1-284094-6	—
17	86.36 [3.400]	1-284094-7	—
18	91.44 [3.600]	1-284094-8	—
19	96.52 [3.800]	1-284094-9	—
20	101.60 [4.000]	2-284094-0	—
21	106.68 [4.200]	2-284094-1	—
22	111.76 [4.400]	2-284094-2	—
23	116.84 [4.600]	2-284094-3	—
24	121.92 [4.800]	2-284094-4	—
25	127.00 [5.000]	2-284094-5	—

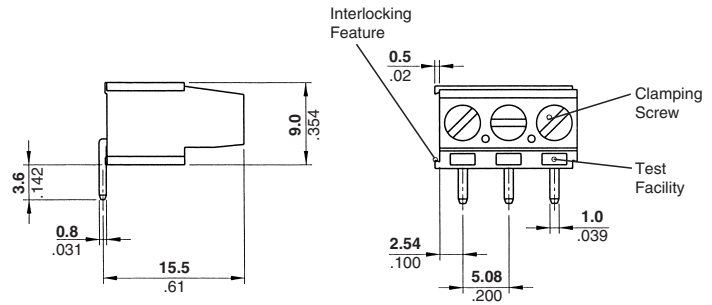
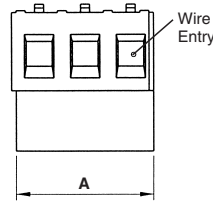
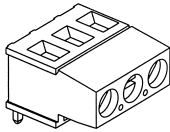
*Wave solder process capable to 265°C [509°F] for 10 seconds



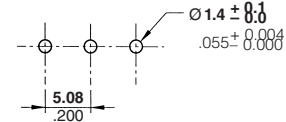
Note: All part numbers are RoHS Compliant.

Board Mount, Top Wire Entry (Continued)

Board Mount w/Interlock, 5.08 mm Centerline, Top Wire Entry
UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications



Recommended PC Board Layout

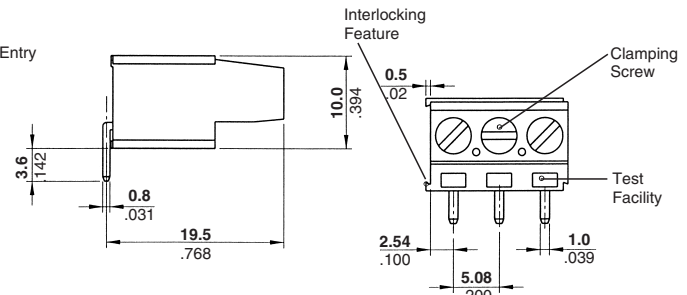
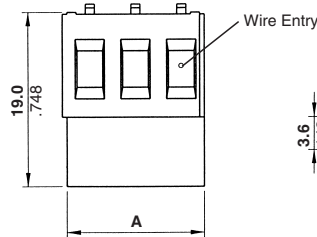
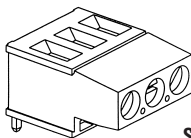


Suggested Screw Torque—
 7.0 in.-lbs.

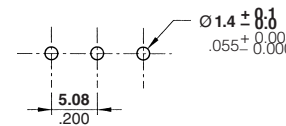
No. of Positions	Dim. A	Part Numbers	
		Green	Black
2	10.16 [0.400]	282851-2	1546073-2
3	15.24 [0.600]	282851-3	1546073-3
4	20.32 [0.800]	282851-4	1546073-4
5	25.40 [1.000]	282851-5	1546073-5
6	30.48 [1.200]	282851-6	1546073-6
7	35.56 [1.400]	282851-7	1546073-7
8	40.64 [1.600]	282851-8	1546073-8
9	45.72 [1.800]	282851-9	1546073-9
10	50.80 [2.000]	1-282851-0	1-1546073-0
11	55.88 [2.200]	1-282851-1	1-1546073-1
12	60.96 [2.400]	1-282851-2	1-1546073-2
13	66.04 [2.600]	1-282851-3	1-1546073-3

No. of Positions	Dim. A	Part Numbers	
		Green	Black
14	71.12 [2.800]	1-282851-4	1-1546073-4
15	76.20 [3.000]	1-282851-5	1-1546073-5
16	81.28 [3.200]	1-282851-6	1-1546073-6
17	86.36 [3.400]	1-282851-7	1-1546073-7
18	91.44 [3.600]	1-282851-8	1-1546073-8
19	96.52 [3.800]	1-282851-9	1-1546073-9
20	101.60 [4.000]	2-282851-0	2-1546073-0
21	106.68 [4.200]	2-282851-1	2-1546073-1
22	111.76 [4.400]	2-282851-2	2-1546073-2
23	116.84 [4.600]	2-282851-3	2-1546073-3
24	121.92 [4.800]	2-282851-4	2-1546073-4
25	127.00 [5.000]	2-282851-5	2-1546073-5

Board Mount w/Interlock, 5.08 mm Centerline, Top Wire Entry Color – Green
UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications



Recommended PC Board Layout



Suggested Screw Torque—
 7.0 in.-lbs.

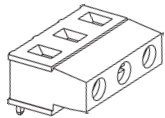
No. of Positions	Dim. A	Part Numbers
2	10.16 [0.400]	282863-2
3	15.24 [0.600]	282863-3
4	20.32 [0.800]	282863-4
5	25.40 [1.000]	282863-5
6	30.48 [1.200]	282863-6
7	35.56 [1.400]	282863-7
8	40.64 [1.600]	282863-8
9	45.72 [1.800]	282863-9
10	50.80 [2.000]	1-282863-0
11	55.88 [2.200]	1-282863-1
12	60.96 [2.400]	1-282863-2
13	66.04 [2.600]	1-282863-3

No. of Positions	Dim. A	Part Numbers
14	71.12 [2.800]	1-282863-4
15	76.20 [3.000]	1-282863-5
16	81.28 [3.200]	1-282863-6
17	86.36 [3.400]	1-282863-7
18	91.44 [3.600]	1-282863-8
19	96.52 [3.800]	1-282863-9
20	101.60 [4.000]	2-282863-0
21	106.68 [4.200]	2-282863-1
22	111.76 [4.400]	2-282863-2
23	116.84 [4.600]	2-282863-3
24	121.92 [4.800]	2-282863-4
25	127.00 [5.000]	2-282863-5

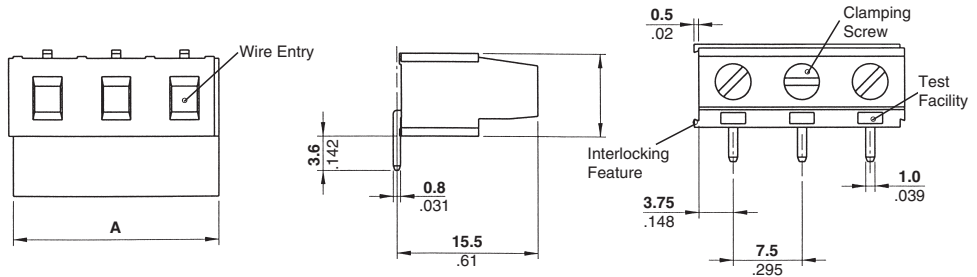
Note: All part numbers are RoHS Compliant.

Board Mount, Top Wire Entry (Continued)

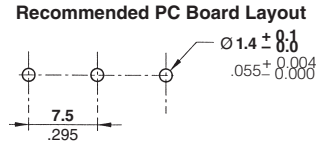
Top Wire Entry
7.5 mm Centerline,
Color – Green
UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications



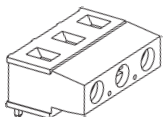
Suggested Screw Torque—
7.0 in.-lbs.



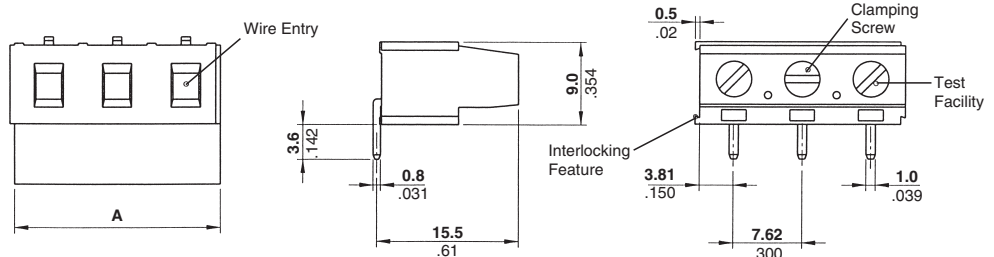
No. of Positions	Dim. A	Part Numbers
2	15.0 [0.591]	282854-2
3	22.5 [0.886]	282854-3
4	30.0 [1.181]	282854-4



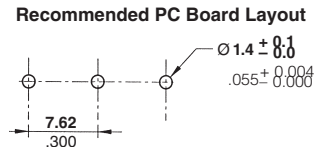
Top Wire Entry
7.62 mm Centerline,
Color – Green
UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications



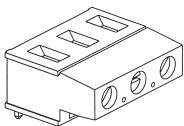
Suggested Screw Torque—
7.0 in.-lbs.



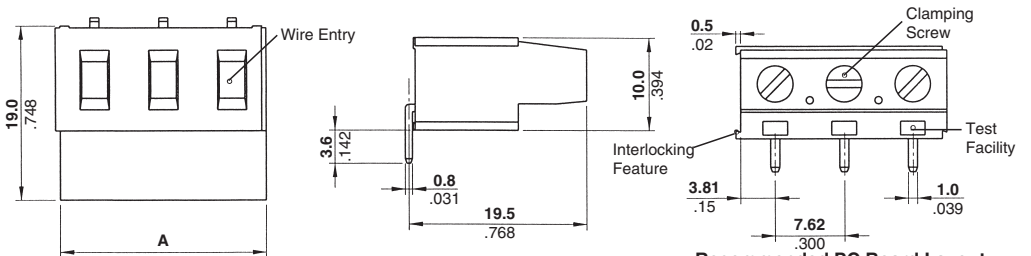
No. of Positions	Dim. A	Part Numbers
2	15.24 [.600]	282855-2
3	22.86 [.900]	282855-3



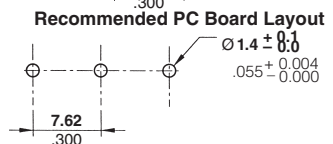
Top Wire Entry
7.62 mm Centerline,
Color – Green
UL Rating – 300 V, 24 A
12-30 AWG
20 A for field wiring applications



Suggested Screw Torque—
7.0 in.-lbs.



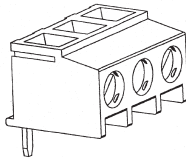
No. of Positions	Dim. A	Part Numbers
2	15.24 [.600]	282867-2
3	22.86 [.900]	282867-3



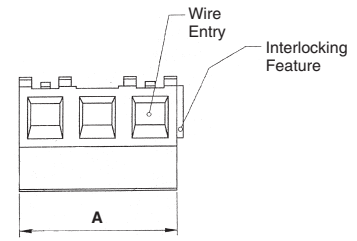
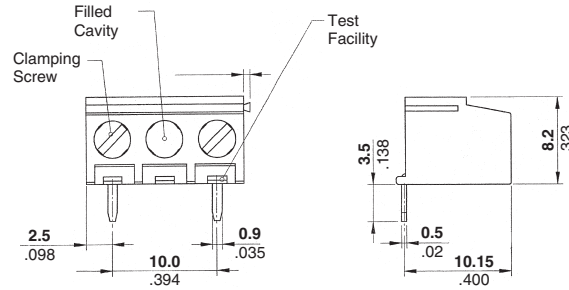
Note: All part numbers are RoHS Compliant.

Board Mount, Top Wire Entry (Continued)

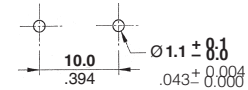
Board Mount, Low Profile
10.0 mm Centerline,
Top Wire Entry,
Color – Black
UL Rating – 600 V, 13.5 A
16-30 AWG
10 A for field wiring applications



Suggested Screw Torque—
 6.0 in.-lbs.



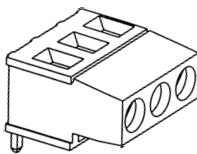
Recommended PC Board Layout



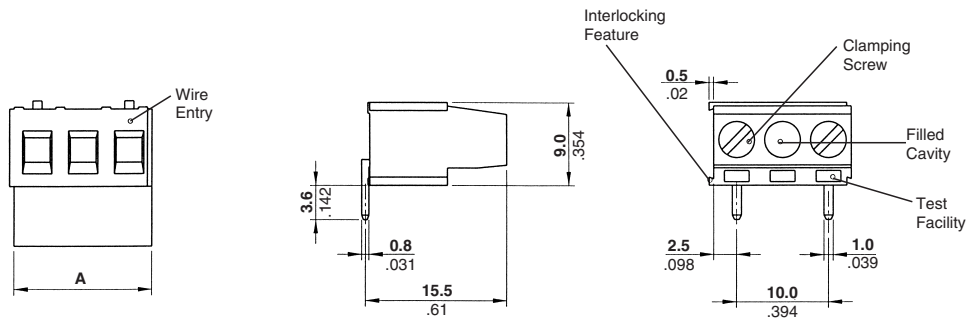
No. of Positions	Dim. A	Part Numbers
2	15.0 [.591]	1776124-2
3	20.0 [.787]	1776124-3
4	25.0 [.984]	1776124-4

Wave solder process capable to 265°C [509°F] for 10 seconds

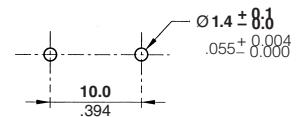
Board Mount
10.0 mm Centerline,
Top Wire Entry
Color – Green
UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field entry applications



Suggested Screw Torque—
 7.0 in.-lbs.



Recommended PC Board Layout



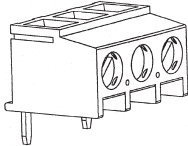
No. of Positions	Dim. A	Part Numbers
2	15.0 [.591]	282852-2
3	20.0 [.787]	282852-3
4	25.0 [.984]	282852-4
5	30.0 [1.181]	282852-5
6	35.0 [1.378]	282852-6
7	40.0 [1.575]	282852-7
8	45.0 [1.772]	282852-8
9	50.0 [1.968]	282852-9
10	55.0 [2.165]	1-282852-0
11	60.0 [2.362]	1-282852-1
12	65.0 [2.559]	1-282852-2
13	70.0 [2.775]	1-282852-3

Note: All part numbers are RoHS Compliant.

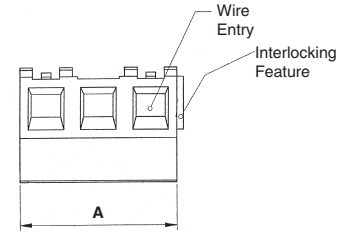
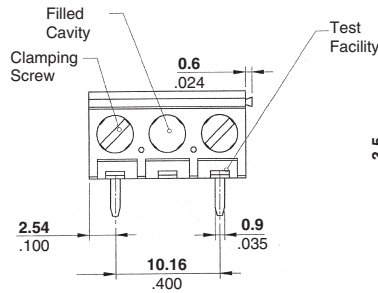
Board Mount, Top Wire Entry (Continued)

Board Mount, Low Profile, 10.16 mm Centerline, Top Wire Entry
Color – Black

UL Rating – 600 V, 13.5 A
16-30 AWG
10 A for field wiring applications

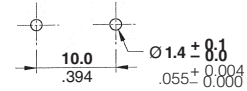


Suggested Screw Torque—
6.0 in.-lbs.



No. of Positions	Dim. A	Part Numbers
2	15.24 [0.600]	1776125-2
3	20.32 [0.800]	1776125-3
4	25.40 [1.000]	1776125-4

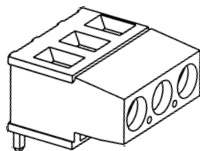
Recommended PC Board Layout



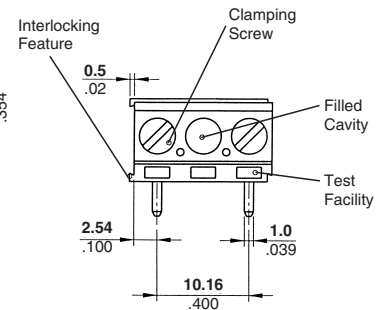
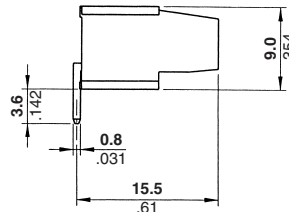
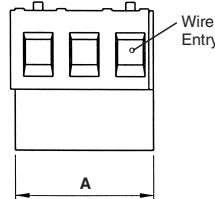
Wave solder process capable to 265°C [509°F] for 10 seconds

Board Mount, 10.16 mm Centerline, Top Wire Entry
Color – Green

UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field wiring applications

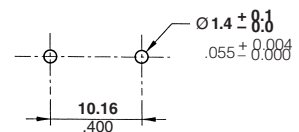


Suggested Screw Torque—
7.0 in.-lbs.



No. of Positions	Dim. A	Part Numbers
2	15.24 [0.600]	282853-2
3	20.32 [0.800]	282853-3
4	25.40 [1.000]	282853-4
5	30.48 [1.200]	282853-5
6	35.56 [1.400]	282853-6
7	40.64 [1.600]	282853-7
8	45.72 [1.800]	282853-8
9	50.80 [2.000]	282853-9
10	55.88 [2.200]	1-282853-0
11	60.96 [2.400]	1-282853-1
12	66.04 [2.600]	1-282853-2
13	71.12 [2.800]	1-282853-3

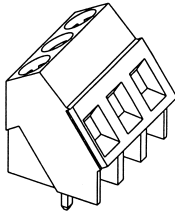
Recommended PC Board Layout



Note: All part numbers are RoHS Compliant.

Board Mount, 35° Angled Wire Entry

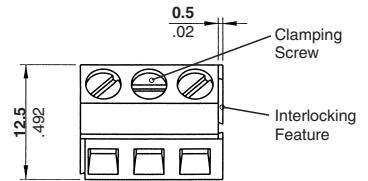
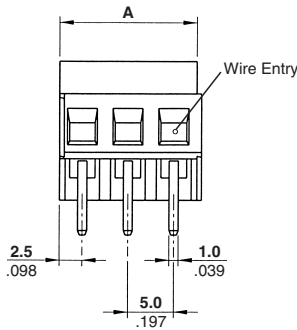
**Board Mount w/Interlock,
5.0 mm Centerline,
35° Angled Wire Entry**
**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



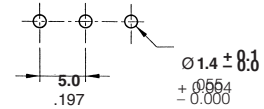
Suggested Screw Torque—
7.0 in.-lbs.

Notes:

1. BUCHANAN Terminal Block Series B04C4VXXT has been superceded/replaced with part number 796688-xx (blue color) and 796689-xx (black color).
2. RDI Terminal Block Series 5LEA-XX has been superceded/replaced with part number 796690-xx (green color).
3. RDI Terminal Block Series 5LEA-XX-1 has been superceded/replaced with part number 796689-xx (black color).

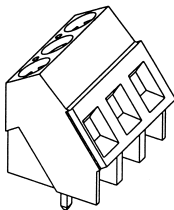


Recommended PC Board Layout

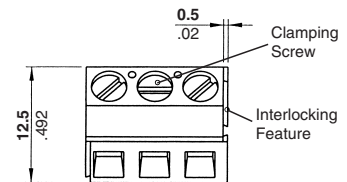
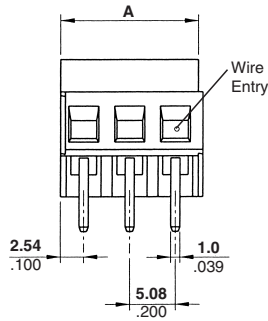


No. of Positions	Dim. A	Part Numbers			
		Gray	Blue	Black	Green
2	10.0 [0.394]	1546219-2	796688-2	796689-2	796690-2
3	15.0 [0.591]	1546219-3	796688-3	796689-3	796690-3
4	20.0 [0.787]	1546219-4	796688-4	796689-4	796690-4
5	25.0 [0.984]	1546219-5	796688-5	796689-5	796690-5
6	30.0 [1.181]	1546219-6	796688-6	796689-6	796690-6
7	35.0 [1.378]	1546219-7	796688-7	796689-7	796690-7
8	40.0 [1.575]	1546219-8	796688-8	796689-8	796690-8
9	45.0 [1.772]	1546219-9	796688-9	796689-9	796690-9
10	50.0 [1.968]	1-1546219-0	1-796688-0	1-796689-0	1-796690-0
11	55.0 [2.165]	1-1546219-1	1-796688-1	1-796689-1	1-796690-1
12	60.0 [2.362]	1-1546219-2	1-796688-2	1-796689-2	1-796690-2

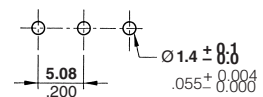
**Board Mount w/Interlock,
5.08 mm Centerline,
35° Angled Wire Entry**
**UL Rating – 300 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.



Recommended PC Board Layout



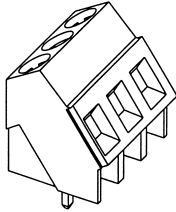
No. of Positions	Dim. A	Part Numbers		
		Gray	Green	Black
2	10.16 [0.400]	1546220-2	282847-2	1546074-2
3	15.24 [0.600]	1546220-3	282847-3	1546074-3
4	20.32 [0.800]	1546220-4	282847-4	1546074-4
5	25.40 [1.000]	1546220-5	282847-5	1546074-5
6	30.48 [1.200]	1546220-6	282847-6	1546074-6
7	35.56 [1.400]	1546220-7	282847-7	1546074-7
8	40.64 [1.600]	1546220-8	282847-8	1546074-8
9	45.72 [1.800]	1546220-9	282847-9	1546074-9
10	50.80 [2.000]	1-1546220-0	1-282847-0	1-1546074-0
11	55.88 [2.200]	1-1546220-1	1-282847-1	1-1546074-1
12	60.96 [2.400]	1-1546220-2	1-282847-2	1-1546074-2

Note: RDI Terminal Block Series 2EEA-xx has been superceded/replaced with 282847-xx series.

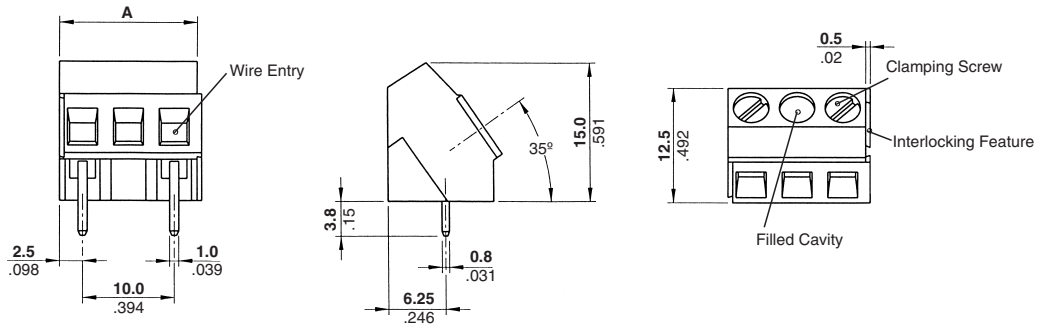
Note: All part numbers are RoHS Compliant.

Board Mount, 35° Angled Wire Entry (Continued)

**Board Mount,
10.0 mm Centerline,
35° Angled Wire Entry
Color – Green**
**UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field wiring applications**

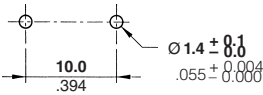


Suggested Screw Torque—
7.0 in.-lbs.

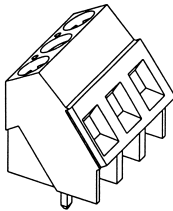


No. of Positions	Dim. A	Part Numbers
2	15.0 [0.591]	282848-2
3	25.0 [0.984]	282848-3
4	35.0 [1.378]	282848-4
5	45.0 [1.772]	282848-5
6	55.0 [2.165]	282848-6

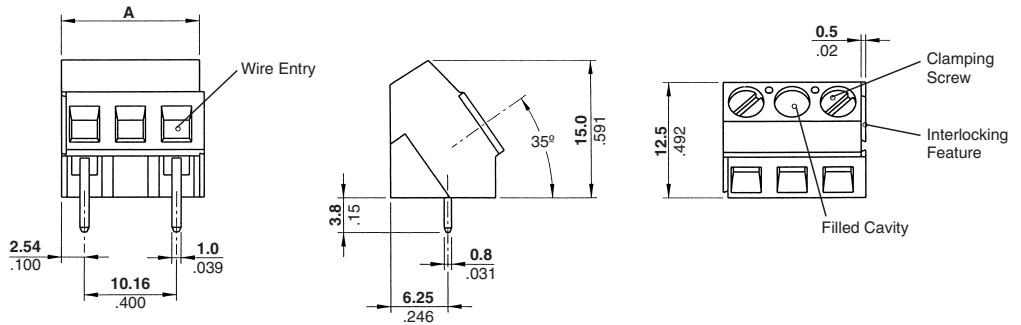
Recommended PC Board Layout



**Board Mount,
10.16 mm Centerline,
35° Angled Wire Entry
Color – Green**
**UL Rating – 600 V, 17.5 A
12-30 AWG
15 A for field wiring applications**



Suggested Screw Torque—
7.0 in.-lbs.



No. of Positions	Dim. A	Part Numbers
2	15.24 [0.600]	282849-2
3	25.40 [1.000]	282849-3
4	35.56 [1.400]	282849-4
5	45.72 [1.800]	282849-5
6	55.88 [2.200]	282849-6

Recommended PC Board Layout

