



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

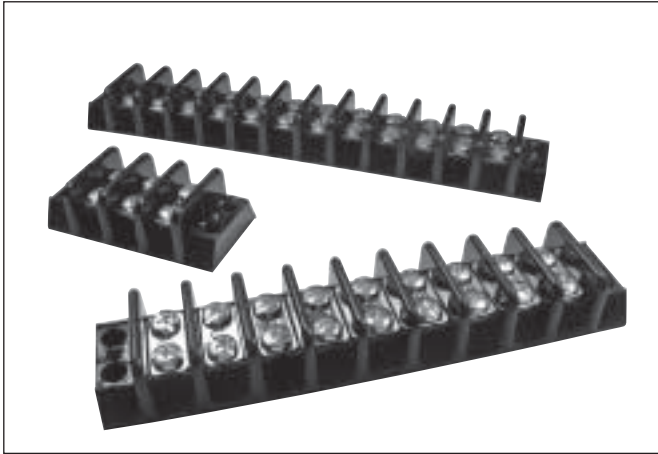
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Series 5600 .563" (14.29mm) Center-to-Center Spacing

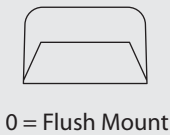


Features:

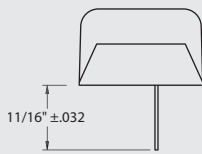
- Durable, Hi-Temp, phenolic is self-extinguishing, resists breakage and conforms to UL94V-0
- Terminal Flexibility is ideal for surface mount, sub-panel or chassis connections. One thru 22 terminals. 9/16" center-to-center spacing.
- Economical Closed-Back Design does not require costly insulation strip
- Broad Wire Range using 8-32 or 10-32 external twin screws, UL recognized for No. 22 AWG to No. 10 AWG. Variations include double solder lug, single solder lug, wire wrap and printed circuit pin
- UL Electrical Ratings
50Amp up to 600VAC dependent on options
- Field Wiring to 40A
- Factory Wiring to 50A
- Recognition
Various terminal types are UL recognized and CSA certified.

Dual Row

Series 5600 Variations



0 = Flush Mount



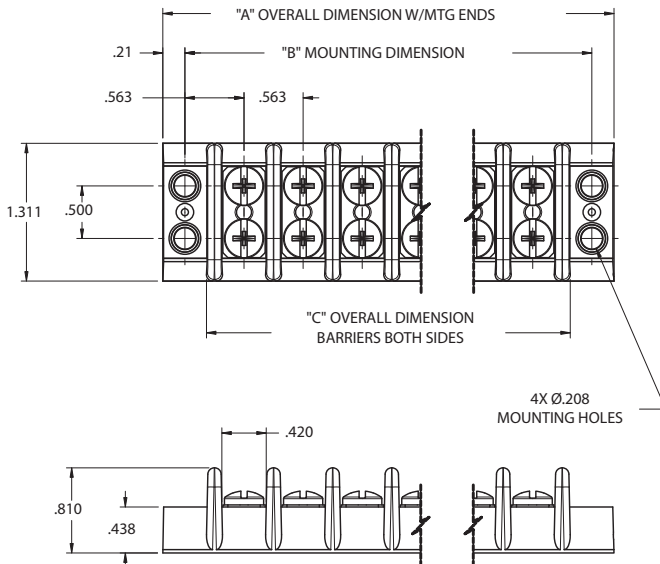
1 = Turret Type Solder Terminal

 **UL Standard 1059,**
Guide No. XCFR2

 **CSA Guide**
22.2 No. 158

 **Designed to meet IEC 947-7-1**

Series 5600 Dimensions



BARRIER STYLE

Specifications:

Center-to-Center Spacing: .563" (14.29mm)

Wire Range: No. 22AWG to No. 8AWG (No. 8 with ring lug for #10 screw only)

No. of Terminals: 1 thru 22

Voltage Rating: 600V

Tightening Torque: 16 in.-lbs. with #8 screws
20 in.-lbs. with #10 screws

Current Rating:

50A with #8 or #10 screw and ring lug
40A with #10 screw
35A with #8 Screw
(Options may affect current rating)

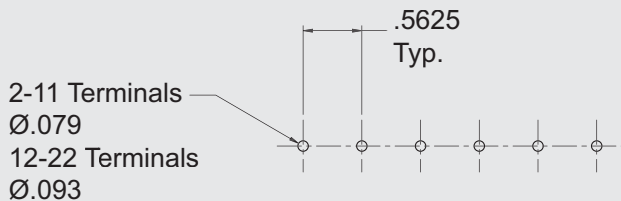
Housing:

Material	Phenolic
Continuous Use	
Temp. (UL Index)	150°C (302°F)
Flammability Rating	94V-0
Water Absorption	
(24 hrs. % wt. gain)	.1%

Breakdown Voltage:

Terminal - Terminal	7,500 Vrms
Terminal - Ground	6,000 Vrms

PC BOARD DRILLING DIMENSIONS



How to Order

56 0 0 0 0 00 0

MOLDING DESIGN

- 1 = Barriers Both Sides
- 2 = w/ Mounting Ends
- 3 = Y Pin with Barriers
- 4 = Y Pin with Mounting Ends
- 5 Thru 9 to be assigned.

TERMINATION DESIGN

Part No. Digit	Terminal Plate Type	Screw Type	Approval	*Field/Factory
0 =	STEEL	STEEL	UR/cUR	2
1 =	STEEL	**BRASS	UR	1
** SEMS NOT AVAILABLE IN BRASS				
*1 = FACTORY WIRING ONLY				
2 = FACTORY & FIELD WIRING				

SCREW SIZE

- 0 = 8-32 Thread
- 1 = 10-32 Thread

SPECIALS OR OPTIONAL DESIGNS

- 0 = None
- 1 = Double Tab, Flat (TB91)
- 2 = Double Tab, 45° Bend (TB92)
- 3 = Double Tab, 90° Bend (TB93)
- 7 = Single Tab, Flat (TB97)
- 8 = Single Tab, 45° Bend (TB98)
- 9 = Single Tab, 90° Bend (TB99)
- A thru Z to be assigned by engineering for special configurations (optional jumper available)

NUMBER OF POLES AVAILABLE

- Available
- 01-22 w/ Mounting Ends
- 01-22 w/ Barriers Both Ends

SCREW TYPE

- 0 = Binder Head, Combo Slot, Zinc Plated, Steel
- 2 = Binder Head, Combo Slot, Nickel Plated, Brass
- 4 = Wire Clamp Sems, Combo Slot, Zinc Plated, Steel
- 6 = Quick Connect Tabs Supplied w/ Binder Head (see special options)

Number of Terminals	Dimensions	
	"A" (Min-Max) Overall Dim. w/ Mounting Ends	"B" (Min-Max) Mounting Dim.
1	1.551–1.539	1.131–1.119
2	2.116–2.100	1.694–1.682
3	2.680–2.660	2.258–2.242
4	3.245–3.221	2.823–2.803
5	3.809–3.781	3.387–3.363
6	4.374–4.342	3.952–3.924
7	4.938–4.902	4.516–4.484
8	5.503–5.463	5.081–5.045
9	6.067–6.023	5.645–5.605
10	6.632–6.584	6.210–6.166
11	7.196–7.144	6.774–6.726
12	7.761–7.705	7.339–7.287
13	8.325–8.265	7.903–7.847
14	8.888–8.828	8.468–8.408
15	9.452–9.388	9.030–8.970
16	10.017–9.949	9.595–9.531
17	10.581–10.509	10.159–10.091
18	11.146–11.070	10.724–10.652
19	11.710–11.630	11.288–11.212
20	12.273–12.193	11.853–11.773
21	12.837–12.753	12.415–12.335
22	13.402–13.314	12.978–12.898

Dimensions shown are ± 0.030"



Double Sided

- TB91
- TB92
- TB93

Single Sided

- TB97
- TB98
- TB99

Series 5600 Accessories

QUICK CONNECT TERMINALS

.250" x .032" quick connect tabs available in 6 different styles. Tin-plated brass tabs are held in place by terminal screws. Terminal blocks can accommodate 1 to 6 terminations per pole. Factory assembled or shipped bulk.

WIRE CLAMPS

Wire clamp captivated screws eliminate the need for lugs. Available for both 8-32 & 10-32 thread options, these screws accept up to No. 10AWG wire and may be factory installed or shipped bulk.

TERMINAL BLOCK JUMPERS

Jumpers constructed of plated brass permit connections of 2 poles



Dual Row

BARRIER STYLE

Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses are metric equivalents.