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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!



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Series A4000 & Series B4000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: See table.

Center Spacing: .562" or 9/16" (14.28 mm)

Wire Size: See rating table.

Screw Size: #8-32 or #10-32 zinc plated screws

Torque Rating: #8 screw size 16 in-lb. max; #10 screw size 20 in-lb. max.

Distance Between Barriers: .47" (11.9 mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94VO Thermoplastic

Hardware: Bottom studs supplied with nuts assembled.

Cup washers are optional on bottom studs but are not recommended with ring terminals.

Extended Hex Nuts: Optional extended, slotted hex nuts enable easier installation and removal with hex wrench or screwdriver. Available in bulk for the #10-32 studs on Series A4953 blocks. Specify part no. F582 and quantity.

Approvals: UL E62622; CSA LR15364; CE Certified

RATING TABLE

Part Number	Terminal Top	Terminal Bottom	Wire Range CU	Rated Current
A4003XX	# 8 Screw	#8 Stud	10-16 AWG	150V; 50 amps
A4011XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps
A4013XX	# 8 Screw	Solder	10-16 AWG	600V; 35 amps
A4021XX	# 8 Screw	.250 QC	10-16 AWG	600V; 35 amps
A4035XX	# 8 Screw	Closed	10-16 AWG	600V; 50 amps
A4041XX	#10 Screw	Solder	10-16 AWG	600V; 35 amps
A4051XX	#10 Screw	250 QC	10-16 AWG	600V; 35 amps
A4803XX	#10 Screw	#8 Stud	10-16 AWG	150V; 50 amps
A4813XX	#10 Screw	Solder Turret	10-16 AWG	600V; 35 amps
A4843XX	#10 Screw	#8 Screw	10-16 AWG	150V; 50 amps
A4953XX	#10 Stud	#10 Stud	10-16 AWG	150V; 50 amps
B4843XX	#10 Screw	#8 Screw	10-16 AWG	600V; 50 amps

* All models 30A Max. with 10 AWG;
35-50A ratings with 8 AWG using ring or fork type terminals.

Note: 1. 50A rating achieved with #8 copper wire crimped to ring terminal.
2. Insulated ring terminal required for bottom termination on B4843XX.

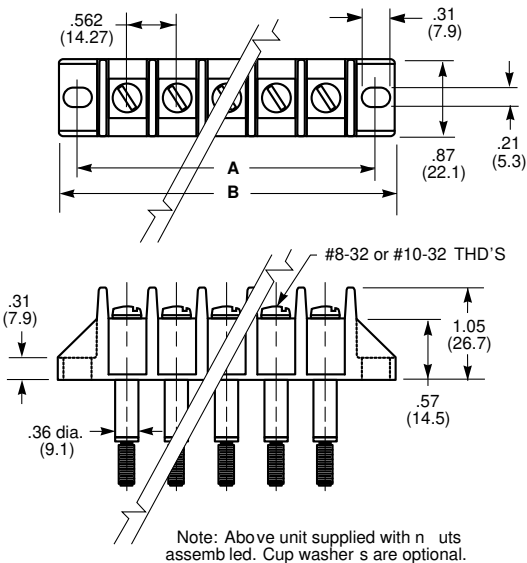
Poles	A (in.) Mount Centers	B (in.) Length
2	1.69	2.12
3	2.25	2.68
4	2.81	3.24
5	3.37	3.80
6	3.93	4.36
7	4.50	4.93
8	5.06	5.34
9	5.62	6.05
10	6.18	6.61
11	6.74	7.17
12	7.31	7.74
13	7.87	8.30
14	8.43	8.86
15	8.99	9.44
16	9.55	9.98
17	10.12	10.55
18	10.68	11.11

* Dimensions in inches. To convert to millimeters, multiply by 25.4.



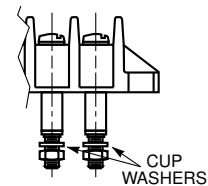
A403508

A4000 Series

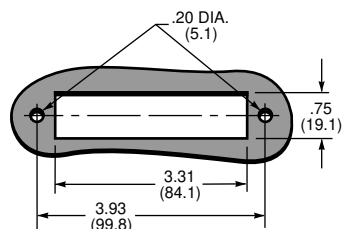


Optional Cup Washers Assembled

Available on A4003, A4803, A4843, A4953 & B4843.



Reference Panel Cutout for 6 Position Block

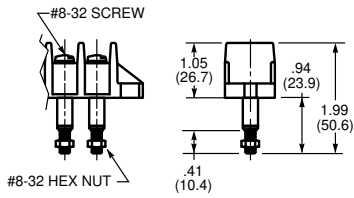


Part Numbering System

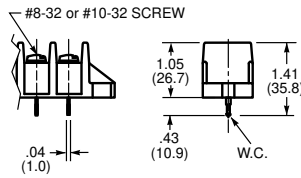
Series	Terminal Style	Base/End	Poles	Screw Options	Options
A4 - standard B4 - barrier	00 - screw top; stud bottom 01 - screw top; solder bottom 02 - #8 screw top; .250 QC bottom 03 - screw top only 04 - #10 screw top; solder term. b. 05 - #10 screw top; .250 QC bottom 80 - screw top; stud bottom insulated base 81 - screw top; solder turret bottom 84 - screw top; screw bottom 95 - stud top; stud bottom	1 - flat base/ mount end 3 - insulator base/ mount end 5 - closed base/ mount end	02 to 18	Blank - std. screw 00 - screws shipped bulk 04 - brass nickel plated 07 - steel SEMS zinc plated (not available with hardware options; not available on A4003, A4803, A4813, A4843, B4843)	A1 to A9 - .250" QC CW - cup washer J301 - flat slip-on jumper (2 position only) L1 to L6 marking options (pg 23) S1 & S2 - solder lugs/flat

Terminal Styles

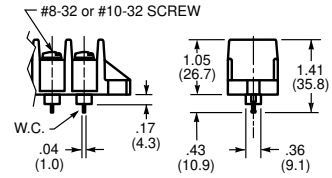
Inches (Millimeters)



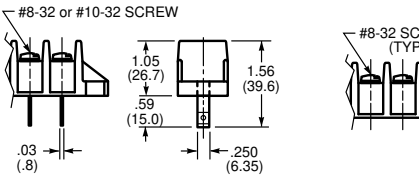
A4003XX



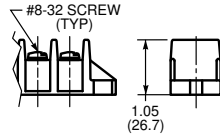
A4011XX (#8-32)
A4041XX (#10-32)



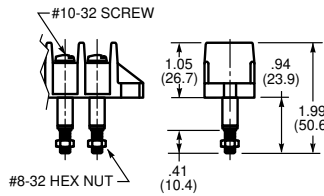
A4013XX (#8-32)
A4043XX (#10-32)



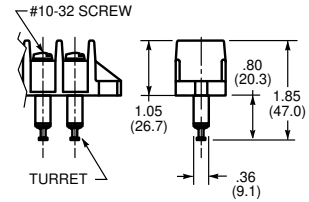
A4021XX (#8-32)
A4051XX (#10-32)



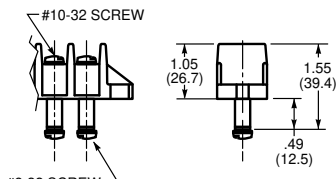
A4035XX



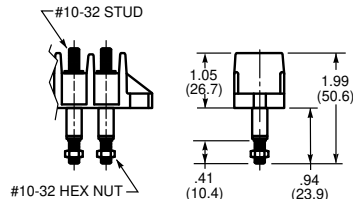
A4803XX



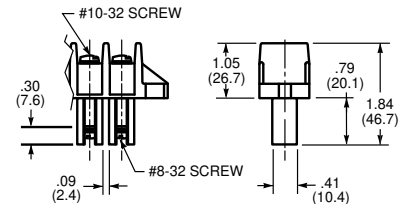
A4813XX



A4843XX



A4953XX

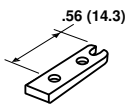


B4843XX

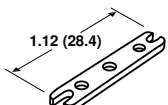
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs



S1
(2S1)



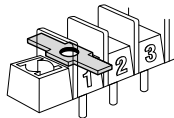
S2
(2S2)

Jumpers

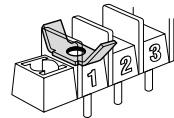


J301

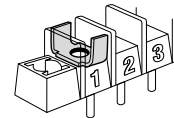
Quick Connects Blade Width A = .250". (For other orientations, contact factory.)



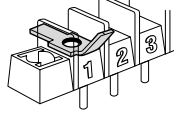
A1
(4A1)



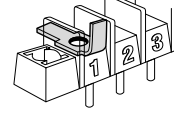
A2
(4A2)



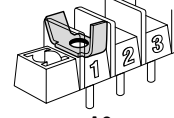
A3
(4A3)



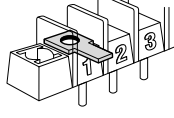
A4
(4A4)



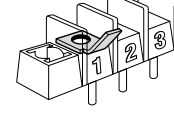
A5
(4A5)



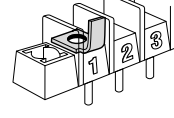
A6
(4A6)



A7
(4A7)



A8
(4A8)



A9
(4A9)