

INTRODUCTION:

Adam Tech TB & TD series Terminal Blocks are a full range of Blocks which are most commonly used to terminate wires and eliminate splicing. They are offered in five different centerlines with open or closed back option. Each is available for bulkhead or PCB mounting with choice of Straight or Right Angle PCB terminals, Cliptite and or Turret Terminals. Our TB series is manufactured from flexible thermoplastic and resists cracking and breaking. Our TD series is manufactured from Hi-Temp Phenolic and has current carrying capability up to 30 Amps.

FEATURES:

Wide range of sizes and profiles
 Choice of open or closed back design
 Choice of multiple terminations
 Flexible Break resistant Thermoplastic.

SPECIFICATIONS:

Material:

Insulator:
 TB Series: PBT, rated UL94V-0
 TD Series: Phenolic, glass reinforced, rated UL94V-0
 Insulator Color: Black
 Contacts: Brass, tin plated
 Screws: Steel, nickel plated
 Hardware: Brass, tin plated

Electrical:

Operation voltage: 300V AC max.
 Current rating:
 TBA / TBB series: 10 Amps max.
 TBC / TBD / TBE / TBF / TBG / TBH series: 15 Amps max.
 TDA series: 10 Amps max
 TDB series: 20 Amps max
 TDC series: 30 Amps max
 Contact resistance: 20MΩ max
 Insulation resistance: 500 MΩ min.
 Dielectric withstanding voltage: 2000V AC for 1 minute

Mechanical:

Wire Range:
 TBA / TBB Series: 22 – 16 Awg
 TBC / TBE Series: 22 – 14 Awg
 TBD Series: 22 – 14 Awg
 TBF / TBG Series: 22 – 14 Awg
 TDA / TDB / TDC Series: 18 - 12 Awg

Temperature Rating:

Operating temperature: -40°C to +105°C

PACKAGING:

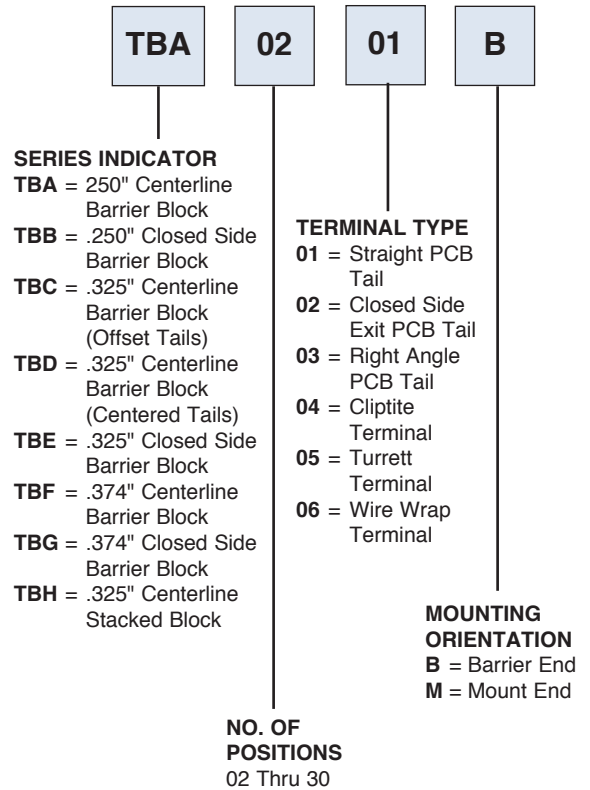
Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

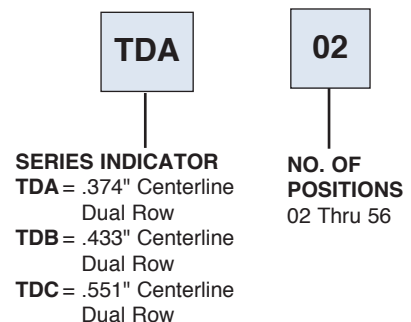
UL Recognized & CSA Certified,
 File no. E333935



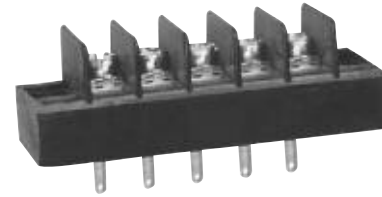
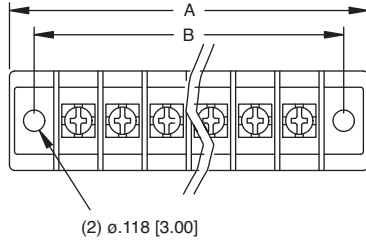
**ORDERING INFORMATION
 TB SERIES TERMINAL BLOCKS**



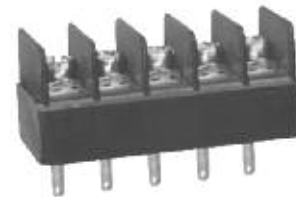
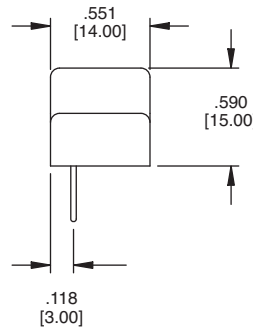
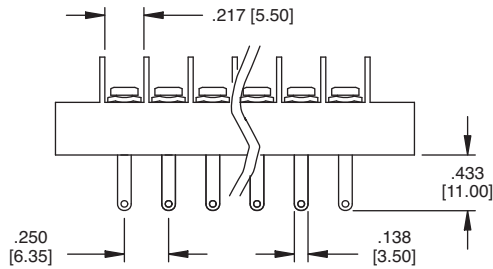
**ORDERING INFORMATION
 TD SERIES DUAL ROW BLOCKS**



TBA



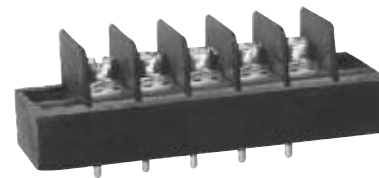
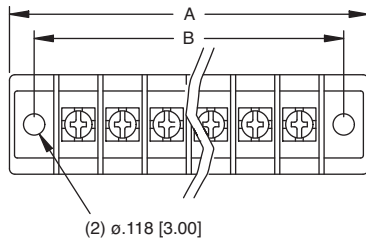
TBA-05-04-M



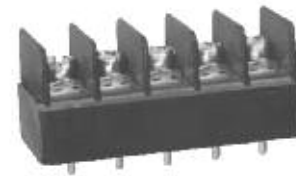
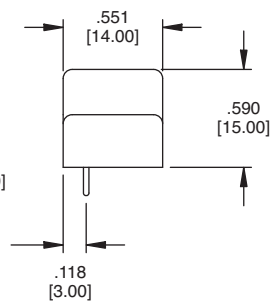
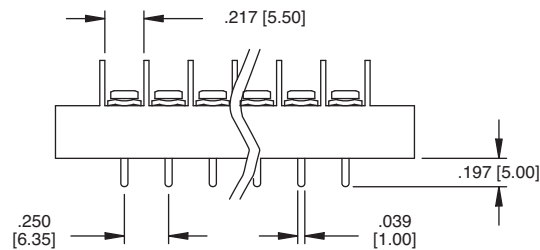
TBA-05-04-B

A = .250 [6.35] x No. of Poles + .545 [13.85]
 B = .250 [6.35] x (No. of Poles + .250 [6.35])

TBA



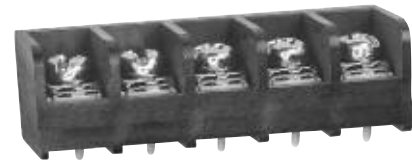
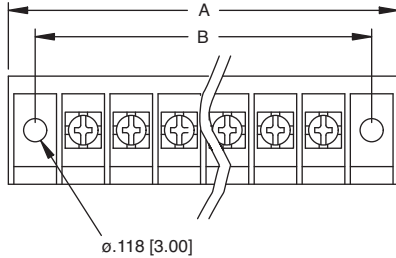
TBA-05-01-M



TBA-05-01-B

A = .250 [6.35] x No. of Poles + .545 [13.85]
 B = .250 [6.35] x (No. of Poles + .250 [6.35])

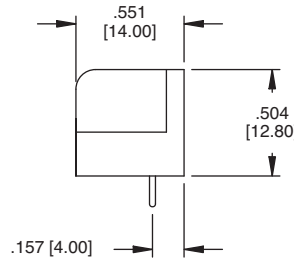
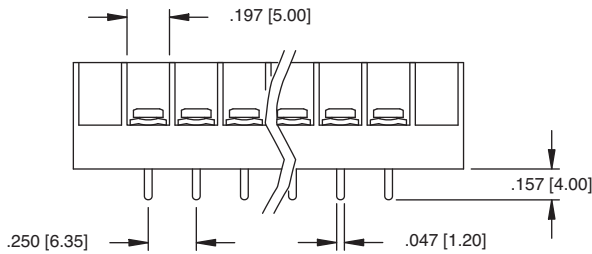
TBB



TBB-05-01-B

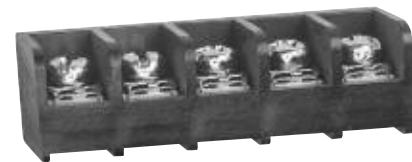
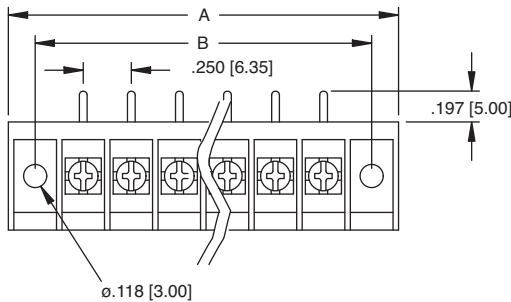


TBB-03-01-M



$A = .250 [6.35] \times \text{No. of Poles} + .557 [14.15]$
 $B = .250 [6.35] \times (\text{No. of Poles} + .250 [6.35])$

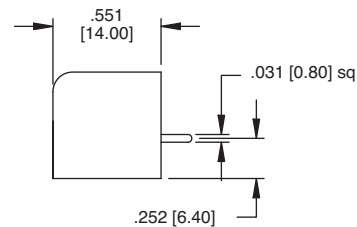
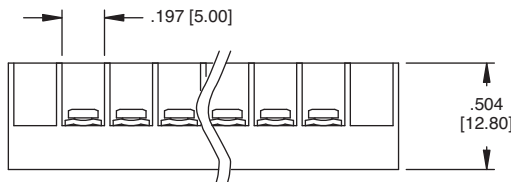
TBB



TBB-05-02-B

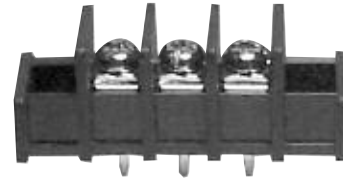
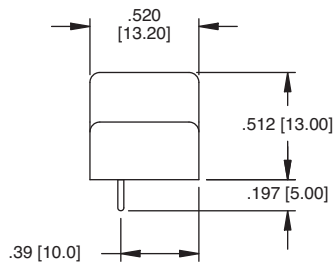
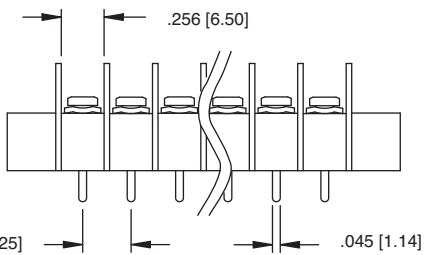
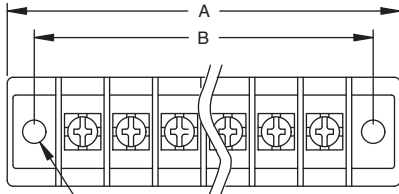


TBB-03-02-M



$A = .250 [6.35] \times \text{No. of Poles} + .557 [14.15]$
 $B = .250 [6.35] \times (\text{No. of Poles} + .250 [6.35])$

TBC



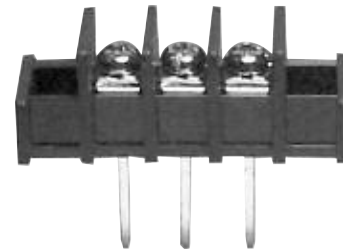
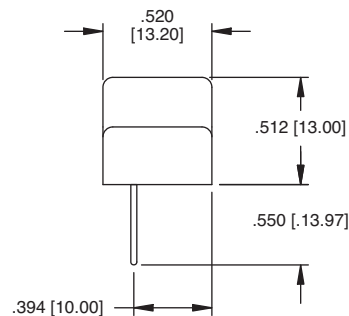
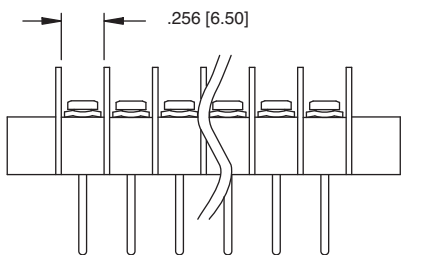
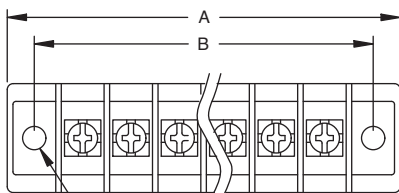
TBC-03-01-M



TBC-03-01-B

A = $.325 [8.25] \times \text{No. of Poles} + .728 [18.5]$
 B = $.325 [8.25] \times (\text{No. of Poles} + .325 [8.25])$

TBC



TBC-03-06-M



TBC-03-06-B

A = $.325 [8.25] \times \text{No. of Poles} + .728 [18.5]$
 B = $.325 [8.25] \times (\text{No. of Poles} + .325 [8.25])$

TBD-03-04-M

TBD-03-04-B

A = .325 [8.25] x No. of Poles + .728 [18.5]
B = .325 [8.25] x (No. of Poles + 1)

TBD-03-01-M

TBD-03-01-B

A = .325 [8.25] x No. of Poles + .728 [18.5]
B = .325 [8.25] x (No. of Poles + 1)

TBD-03-03-M

TBD-03-03-B

A = .325 [8.25] x No. of Poles + .728 [18.5]
B = .325 [8.25] x (No. of Poles + 1)

TBE

TBE-05-03-B

TBE-03-03-M

A = .325 [8.25] x No. of Poles + .728 [18.5]
 B = .325 [8.25] x (No. of Poles + .325 [8.25])

TBE

TBE-05-02-R

TBE-03-02-M

A = .325 [8.25] x No. of Poles + .728 [18.5]
 B = .325 [8.25] x (No. of Poles + .325 [8.25])

TBE

TBE-05-01-B

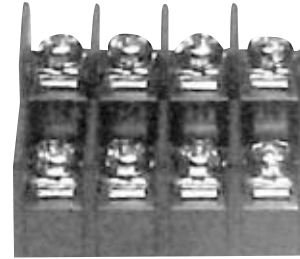
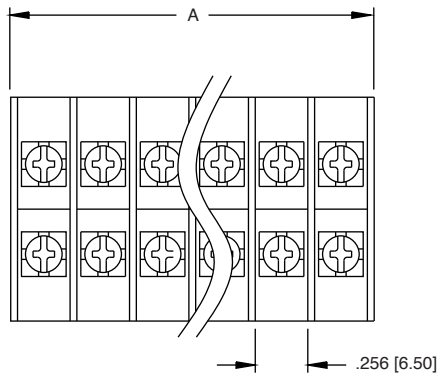
TBE-03-01-M

A = .325 [8.25] x No. of Poles + .728 [18.5]
 B = .325 [8.25] x (No. of Poles + .325 [8.25])

	<p>TBF-05-03-M</p> <p>TBF-05-03-B</p> <p>A = .374 [9.50] x No. of Poles + .803 [20.40] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>
	<p>TBF-05-05-M</p> <p>TBF-05-05-B</p> <p>A = .374 [9.50] x No. of Poles + .803 [20.40] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>
	<p>TBF-05-01-M</p> <p>TBF-05-01-B</p> <p>A = .374 [9.50] x No. of Poles + .803 [20.40] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>

	<p>TBG</p> <p>TBG-05-02-B</p> <p>TBG-03-02-M</p> <p>CLOSED SIDE ENTRY PCB TERMINAL</p> <p>A = .374 [9.50] x No. of Poles + .807 [20.50] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>
	<p>TBG</p> <p>TBG-05-01-B</p> <p>TBG-03-01-M</p> <p>A = .374 [9.50] x No. of Poles + .807 [20.50] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>
	<p>TBG</p> <p>TBG-05-03-B</p> <p>TBG-03-03-M</p> <p>A = .374 [9.50] x No. of Poles + .807 [20.50] B = .374 [9.50] x (No. of Poles + .374 [9.50])</p>

TBH



TBH-08-01-B

