

INTRODUCTION:

Adam Tech TB & TD Series is a full range Barrier Strips 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: -65°C to +125°C

PACKAGING:

Anti-ESD plastic bags

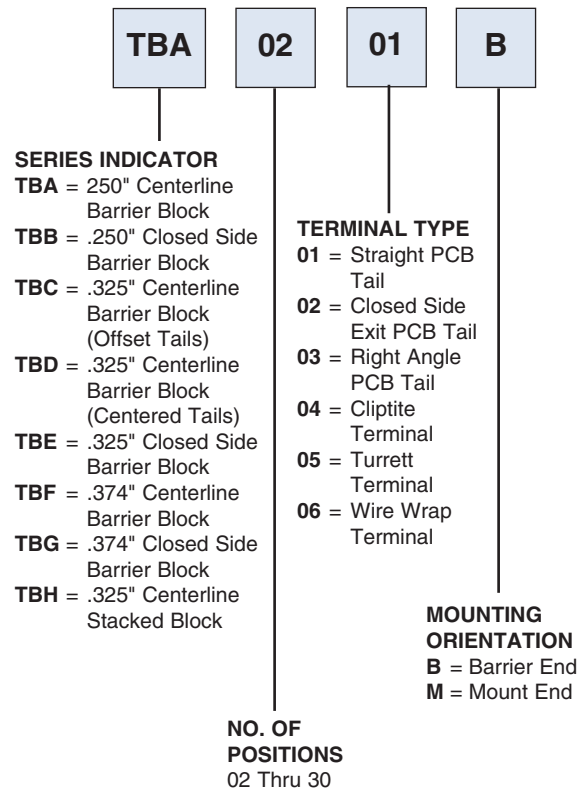
SAFETY AGENCY APPROVALS:

UL Recognized File No. E224053

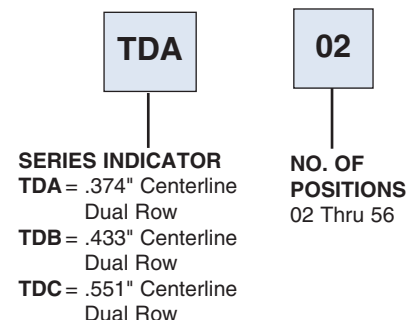
CSA Certified File No. LR1578596



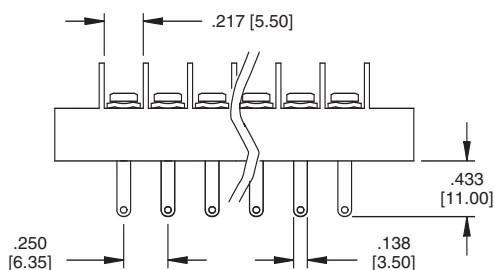
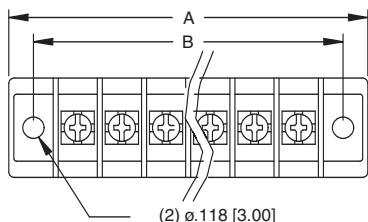
ORDERING INFORMATION BARRIER STRIPS



ORDERING INFORMATION DUAL ROW BLOCKS

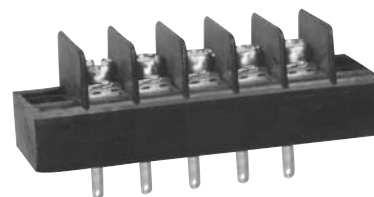


TBA

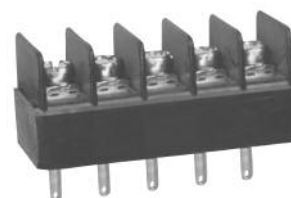


$$A = .250 [6.35] \times \text{No. of Poles} + .545 [13.85]$$

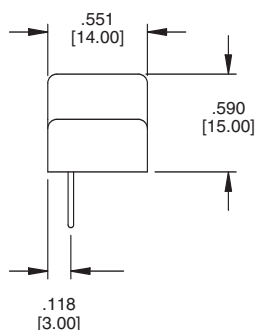
$$B = .250 [6.35] \times (\text{No. of Poles} + .250 [6.35])$$



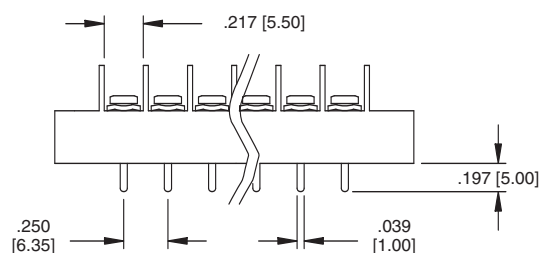
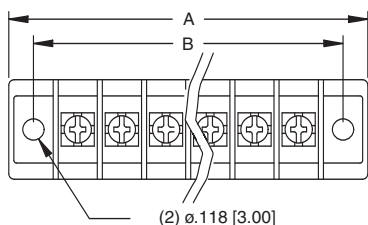
TBA-05-04-M



TBA-05-04-B

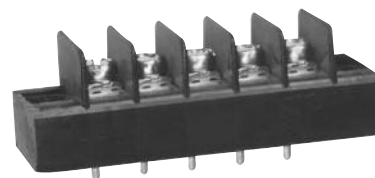


TBA



$$A = .250 [6.35] \times \text{No. of Poles} + .545 [13.85]$$

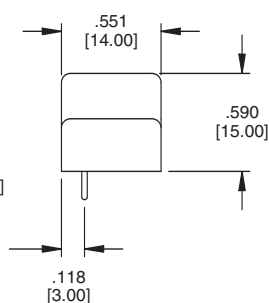
$$B = .250 [6.35] \times (\text{No. of Poles} + .250 [6.35])$$



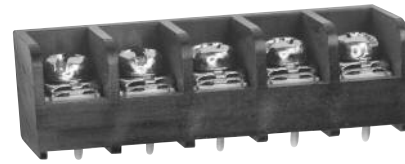
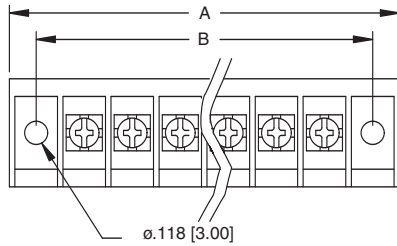
TBA-05-01-M



TBA-05-01-B



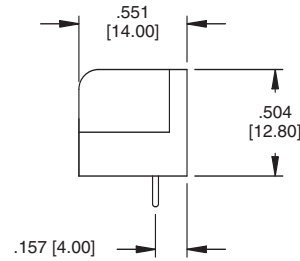
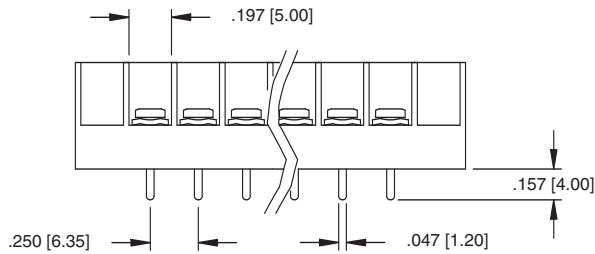
TBB



TBB-05-01-B



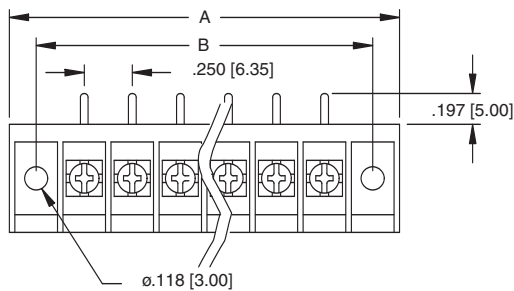
TBB-03-01-M



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

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

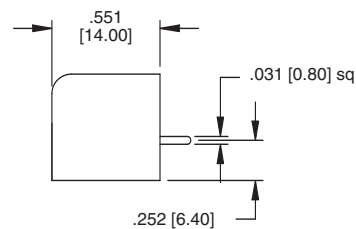
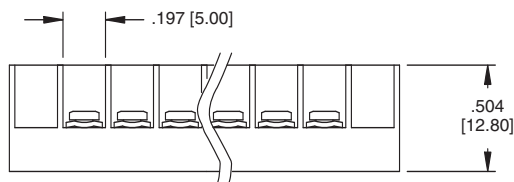
TBB



TBB-05-02-B



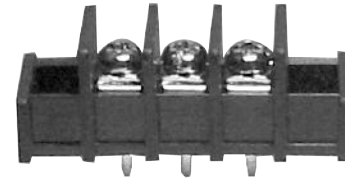
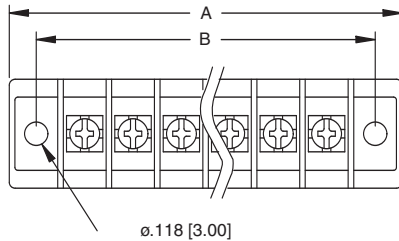
TBB-03-02-M



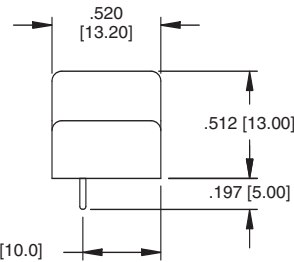
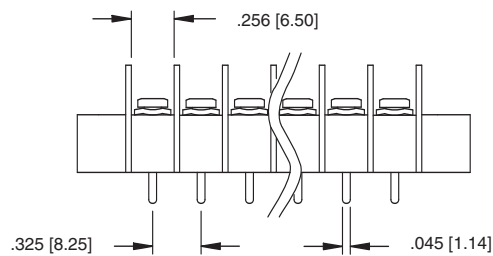
$$A = .250 [6.35] \times \text{No. of Poles} + .557 [14.15]$$

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

TBC



TBC-03-01-M

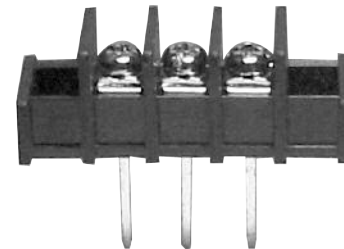
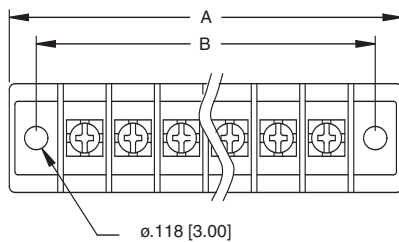


TBC-03-01-B

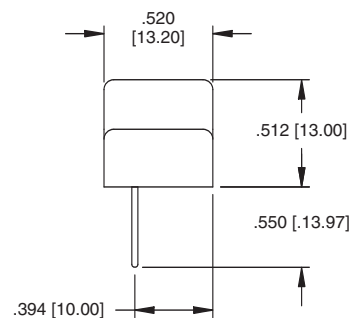
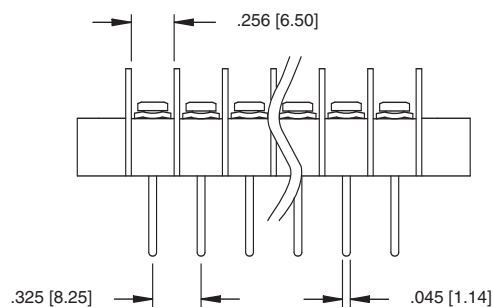
$$A = .325 [8.25] \times \text{No. of Poles} + .728 [18.5]$$

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

TBC



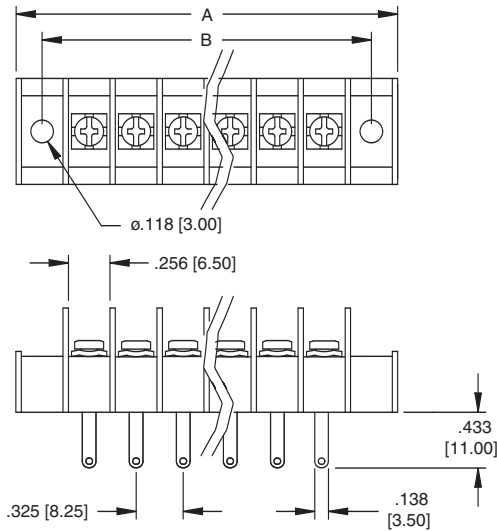
TBC-03-06-M



TBC-03-06-B

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

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



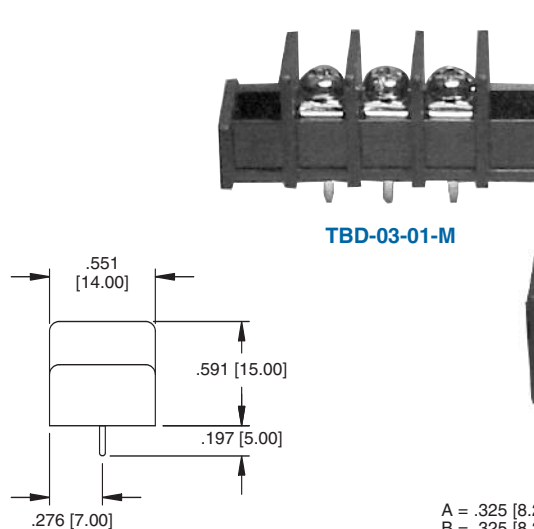
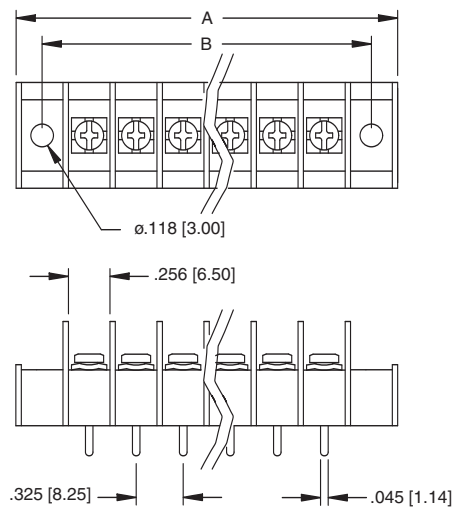
TBD-03-04-M



TBD-03-04-B

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

$$B = .325 [8.25] \times (\text{No. of Poles} + 1)$$



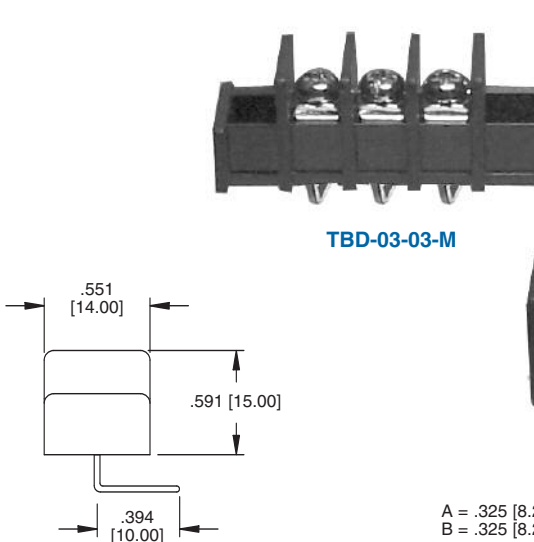
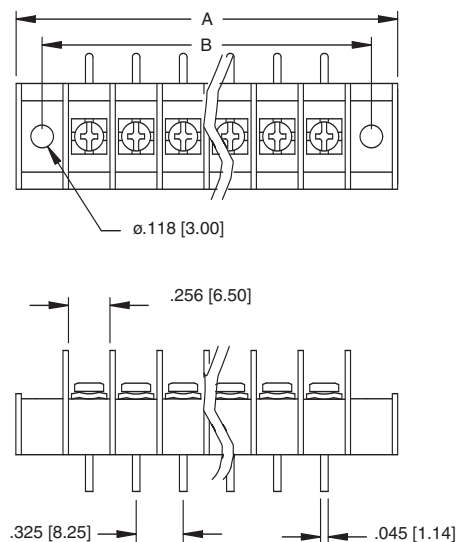
TBD-03-01-M



TBD-03-01-B

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

$$B = .325 [8.25] \times (\text{No. of Poles} + 1)$$



TBD-03-03-M

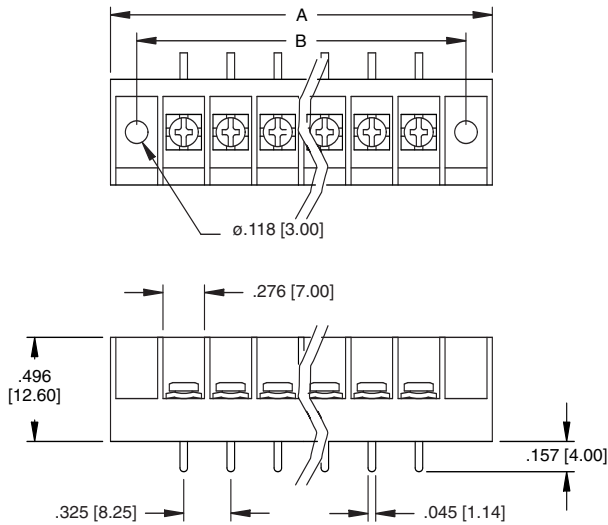


TBD-03-03-B

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

$$B = .325 [8.25] \times (\text{No. of Poles} + 1)$$

TBE



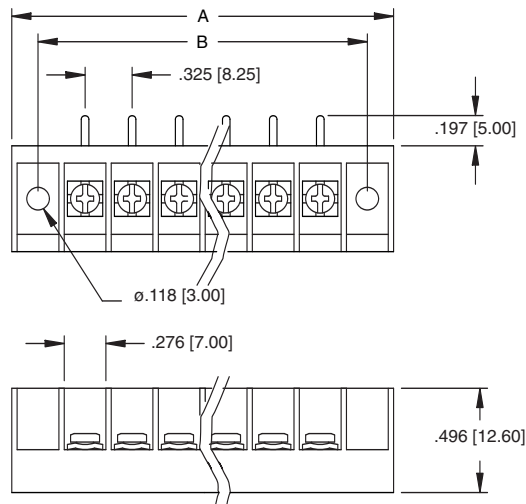
TBE-05-03-B

TBE-03-03-M

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

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

TBE



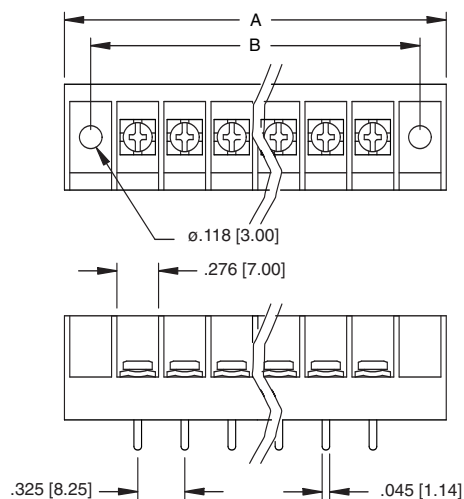
TBE-05-02-B

TBE-03-02-M

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

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

TBE



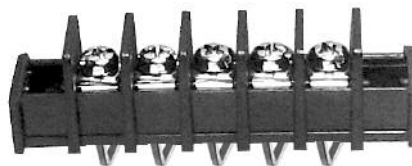
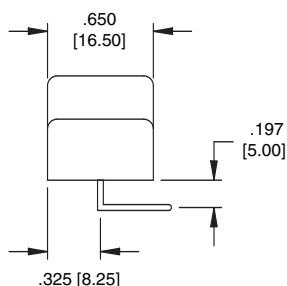
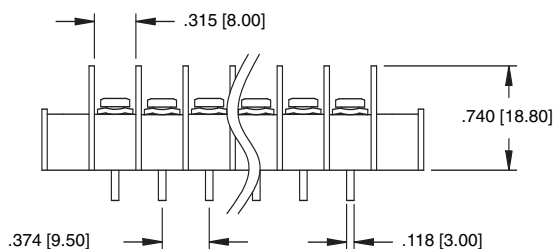
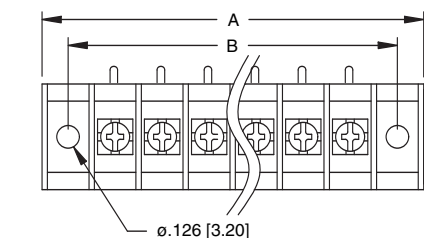
TBE-05-01-B

TBE-03-01-M

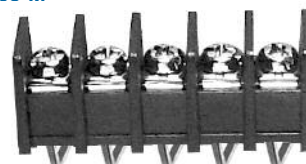
$$A = .325 [8.25] \times \text{No. of Poles} + .728 [18.5]$$

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

TBF



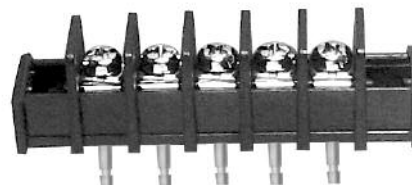
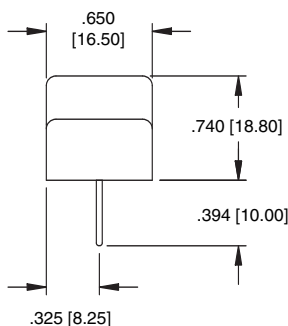
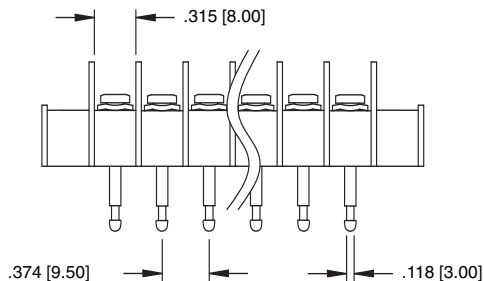
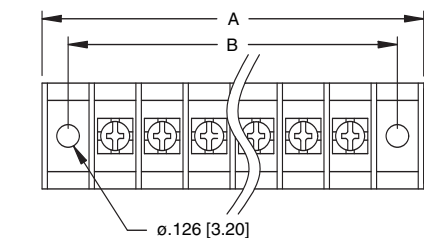
TBF-05-03-M



TBF-05-03-B

A = .374 [9.50] x No. of Poles + .803 [20.40]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

TBF



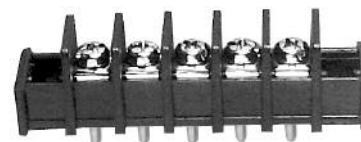
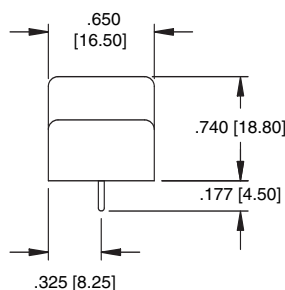
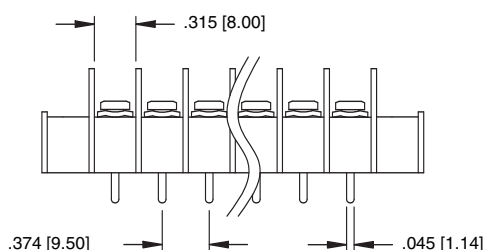
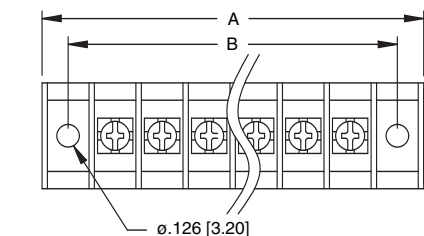
TBF-05-05-M



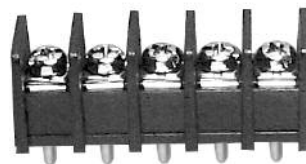
TBF-05-05-B

A = .374 [9.50] x No. of Poles + .803 [20.40]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

TBF



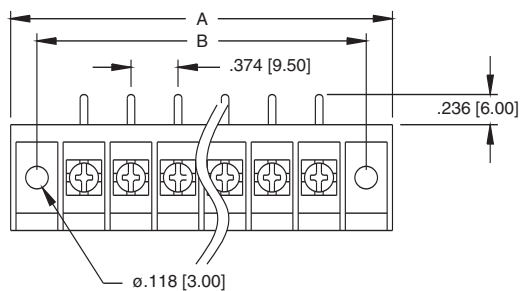
TBF-05-01-M



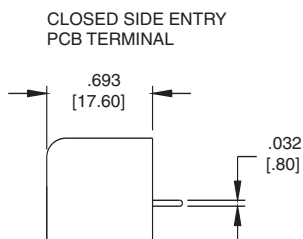
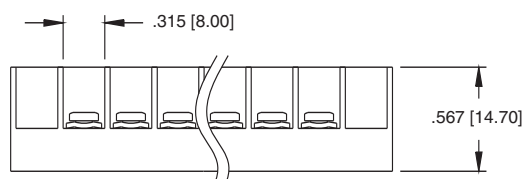
TBF-05-01-B

A = .374 [9.50] x No. of Poles + .803 [20.40]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

TBG



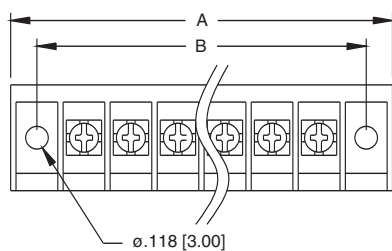
TBG-05-02-B



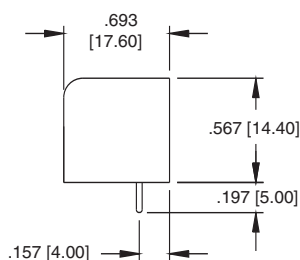
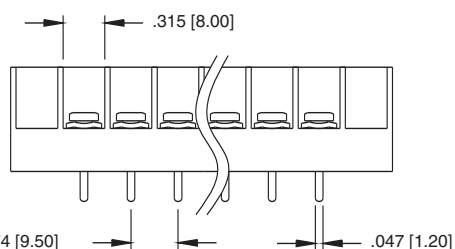
TBG-03-02-M

A = .374 [9.50] x No. of Poles + .807 [20.50]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

TBG



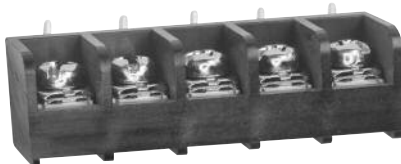
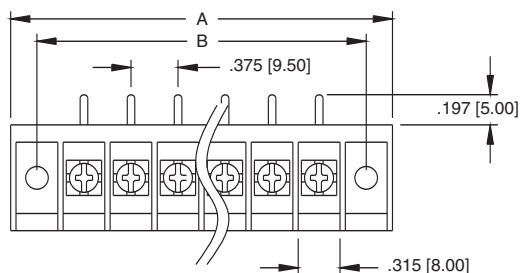
TBG-05-01-B



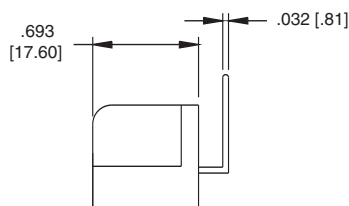
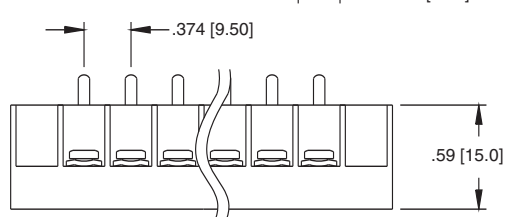
TBG-03-01-M

A = .374 [9.50] x No. of Poles + .807 [20.50]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

TBG



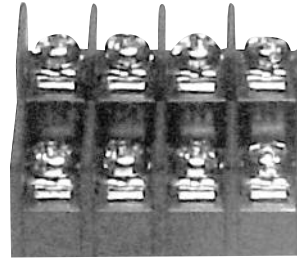
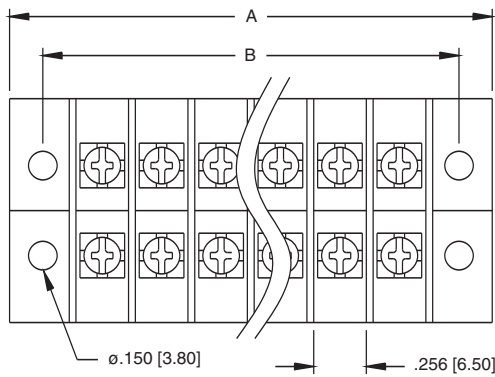
TBG-05-03-B



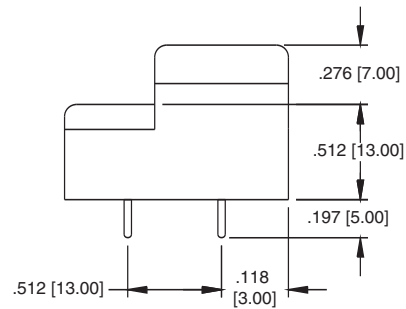
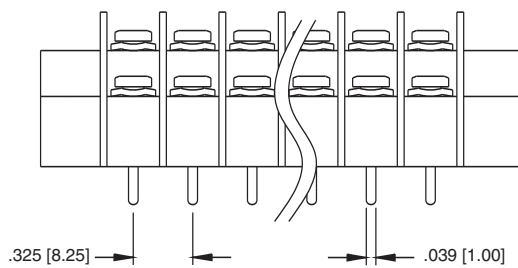
TBG-03-03-M

A = .374 [9.50] x No. of Poles + .807 [20.50]
B = .374 [9.50] x (No. of Poles + .374 [9.50])

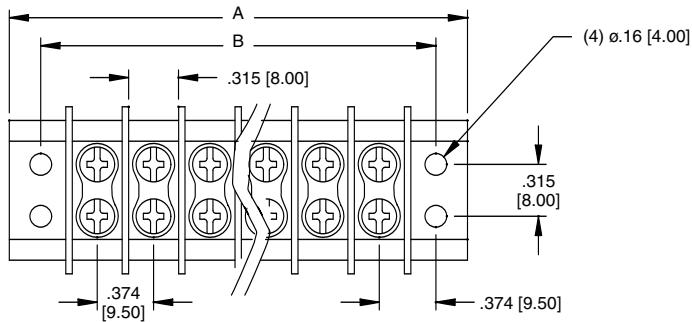
TBH



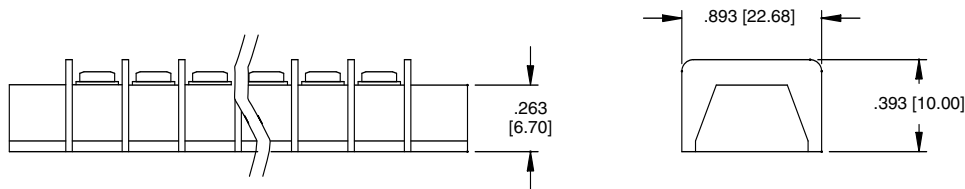
TBH-08-01-B



TDA



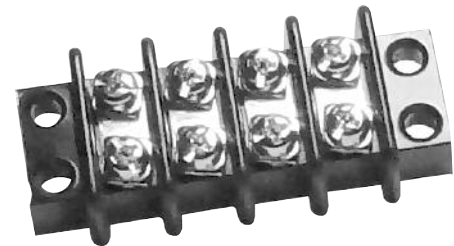
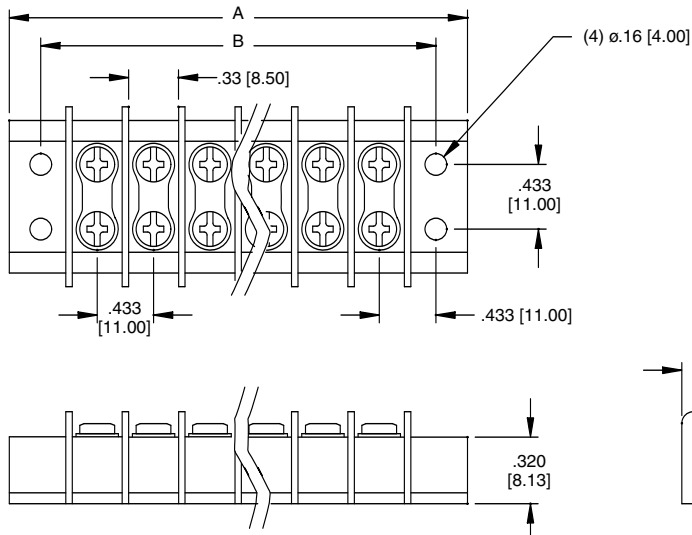
TDA-06



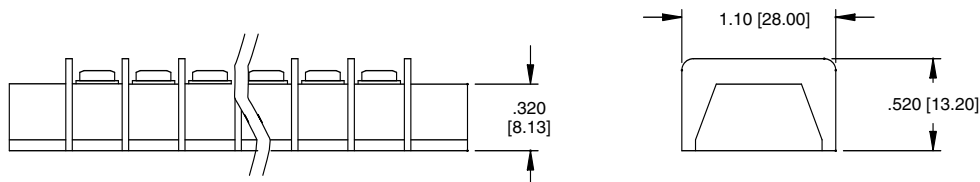
$$A = .374 [9.50] \times \text{No. of Poles} + .670 [17.00]$$

$$B = .374 [9.50] \times \text{No. of Poles} + .374 [9.50]$$

TDB



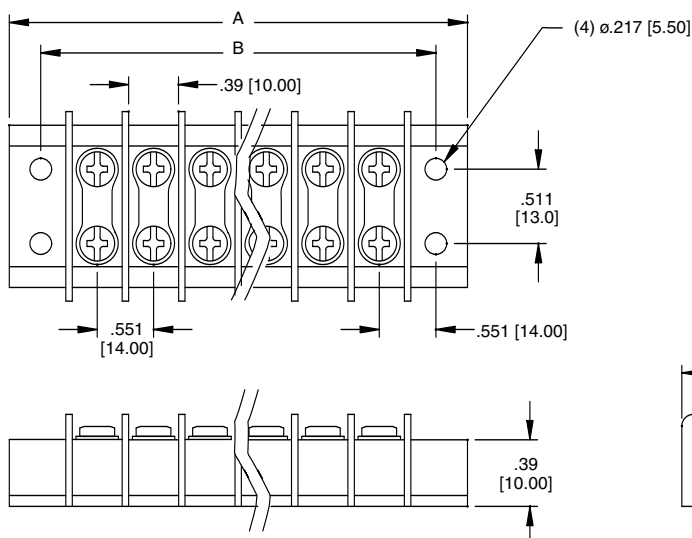
TDB-08



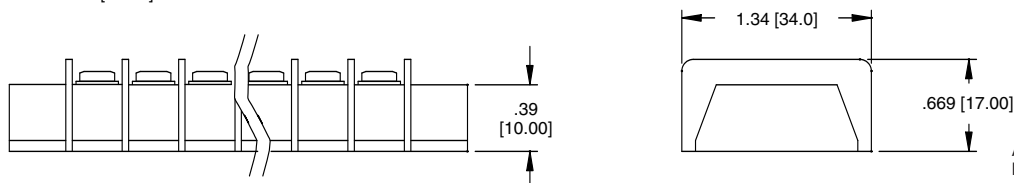
$$A = .433 [11.00] \times \text{No. of Poles} + .815 [20.70]$$

$$B = .433 [11.00] \times \text{No. of Poles} + .433 [11.00]$$

TDC



TDC-08



$$A = .551 [14.00] \times \text{No. of Poles} + 1.04 [26.40]$$

$$B = .551 [14.00] \times \text{No. of Poles} + .551 [14.00]$$