

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



SERIES INDICATOR

TBA = .250" Centerline Barrier Block
TBB = .250" Closed Side Barrier Block
TBC = .325" Centerline Barrier Block (Offset Tails)
TBD = .325" Centerline Barrier Block (Centered Tails)
TBE = .325" Closed Side Barrier Block
TBF = .374" Centerline Barrier Block
TBG = .374" Closed Side Barrier Block
TBH = .325" Centerline Stacked Block

TERMINAL TYPE

01 = Straight PCB Tail
02 = Closed Side Exit PCB Tail
03 = Right Angle PCB Tail
04 = Cliptite Terminal
05 = Turret Terminal
06 = Wire Wrap Terminal

MOUNTING ORIENTATION
B = Barrier End
M = Mount End

NO. OF POSITIONS
02 Thru 30

ORDERING INFORMATION DUAL ROW BLOCKS



SERIES INDICATOR

TDA = .374" Centerline Dual Row
TDB = .433" Centerline Dual Row
TDC = .551" Centerline Dual Row

NO. OF POSITIONS
02 Thru 56