TERMINAL BLOCKS
BULKHEAD & PC BOARD MOUNT
TB & TD SERIES

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

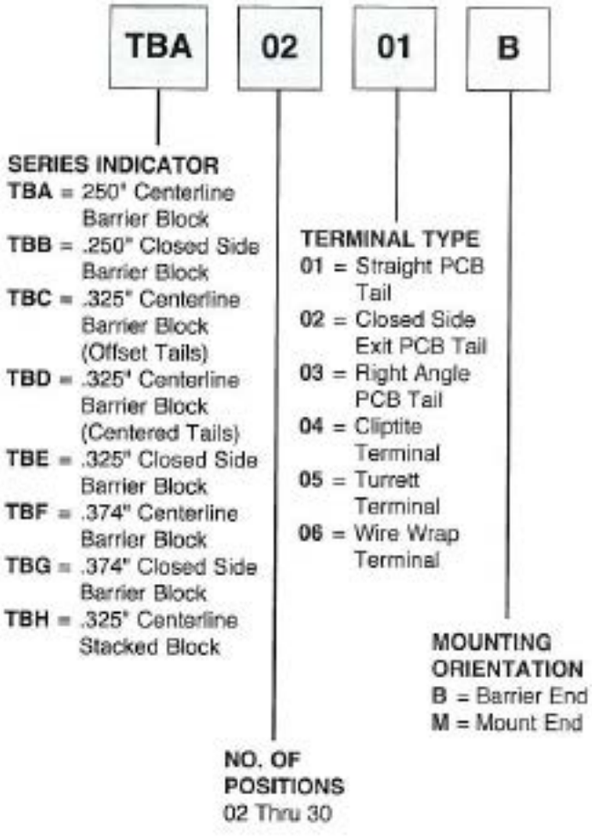
Temperature Rating:

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

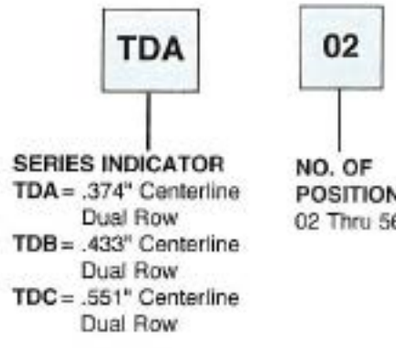
PACKAGING:
Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:
UL Recognized & CSA Certified,
File no. E333935

ORDERING INFORMATION
TB SERIES TERMINAL BLOCKS



ORDERING INFORMATION
TD SERIES DUAL ROW BLOCKS

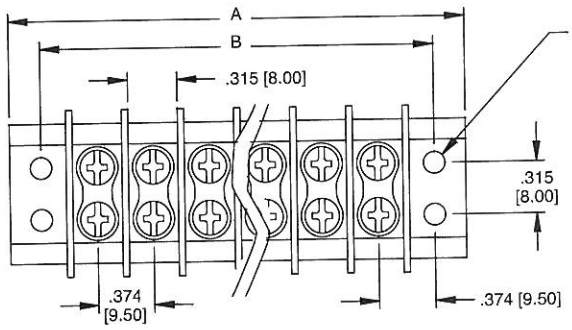


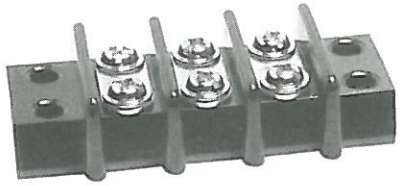
TERMINAL BLOCKS

DUAL ROW 10 AMP, 20 AMP & 30 AMP

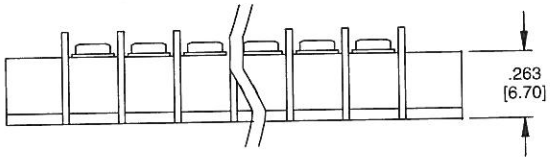
TD SERIES

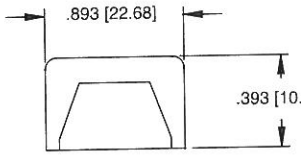
TDA





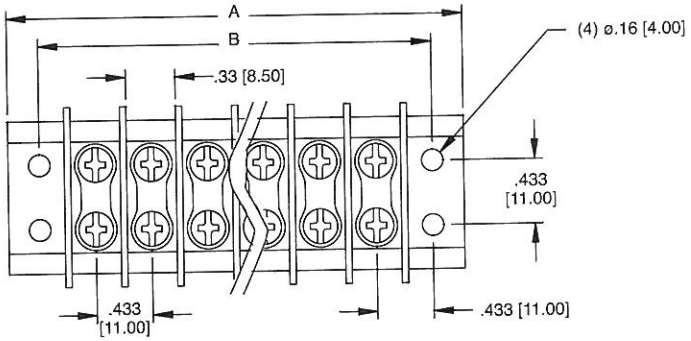
TDA-03

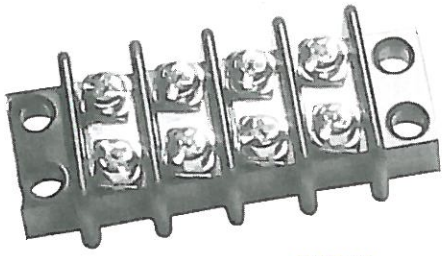




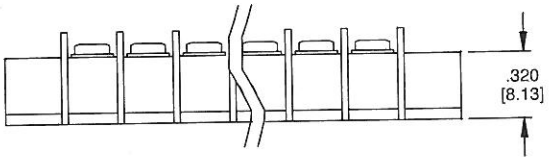
A = .374 [9.50] x No. of Poles + .670 [17.00]
B = .374 [9.50] x No. of Poles + .374 [9.50]

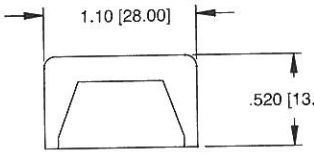
TDB





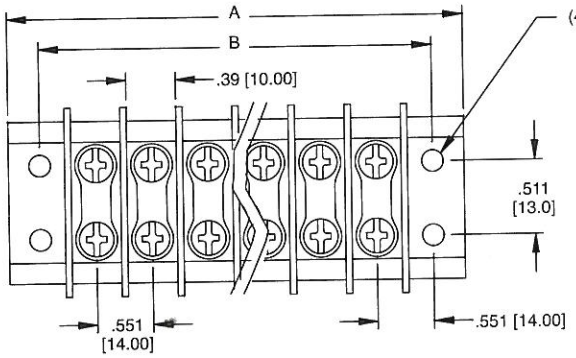
TDB-04



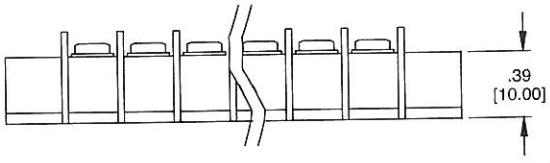


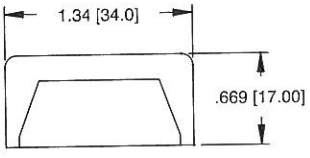
A = .433 [11.00] x No. of Poles + .815 [20.70]
B = .433 [11.00] x No. of Poles + .433 [11.00]

TDC



TDC-04



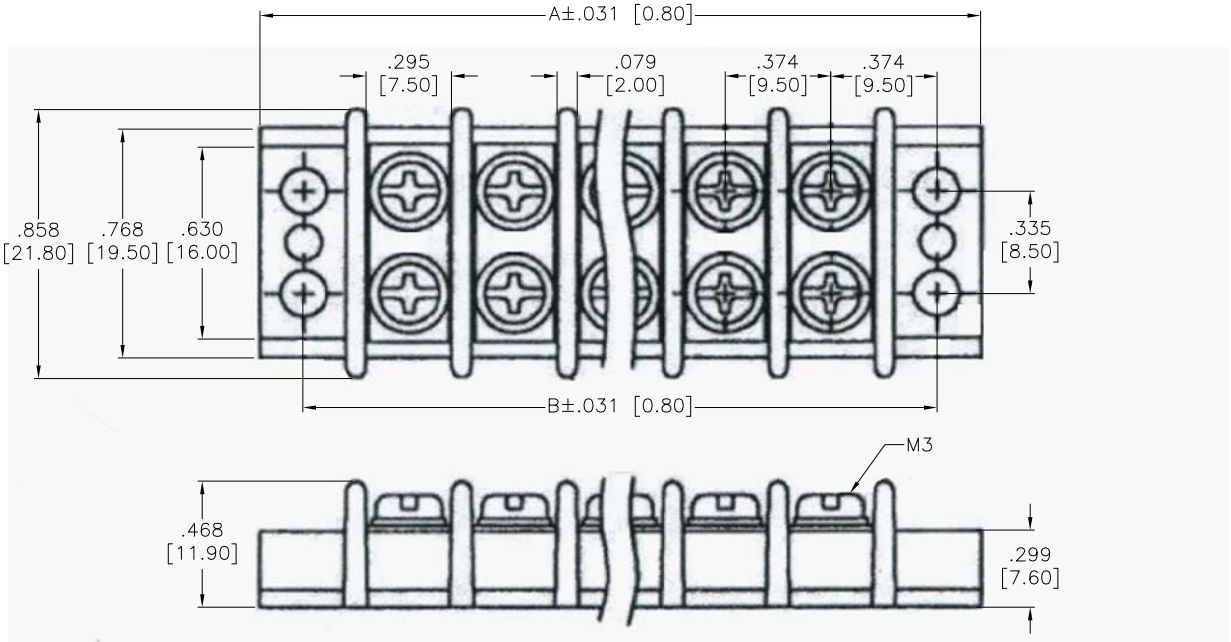


A = .551 [14.00] x No. of Poles + 1.04 [26.40]
B = .551 [14.00] x No. of Poles + .551 [14.00]

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/12/18	

APPROVED: _____

DATE: _____ TITLE: _____



1 Pole = 2 Screws

Screws	ADAM P/N
2	TDA-01-V2
4	TDA-02-V2
6	TDA-03-V2
8	TDA-04-V2
10	TDA-05-V2
12	TDA-06-V2
⋮	⋮
48	TDA-24-V2
50	TDA-25-V2
52	TDA-26-V2
54	TDA-27-V2
56	TDA-28-V2

SPECIFICATIONS:
Material:
Insulator: Nylon66, rated UL 94V-2
Insulator color: Black
Contacts: .031 [0.80] Thickness Brass, Nickel plated
Screws: M3, Brass, Nickel plated
Electrical:
Rated: 300 VAC, 10A
Insulation resistance: 500 Mohms min. @ 500 VDC
Dielectric withstanding voltage: 2,000 VAC for 1 minute
Mechanical:
Wire range: 12~18 AWG
Screw Torque Value: 10Kg-cm
Temperature Rating:
Operating temperature: -40°C to +105°C
Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

Positions: 01 thru 28
A = .374 [9.50] x No. of Spaces + .295 [7.50]
B = .374 [9.50] x No. of Spaces

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

APPROVALS		DATE
DRAWN	AY	4/12/18
CHECKED	IC	4/12/18
APPROVED		

ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE: .374 [9.50] DUAL ROW BARRIER BLOCK

SIZE	PART NO.	REV.
X	TDA-XX-V2	-

REF:	SCALE:	SHEET
S00031T	NTS	1 OF 1