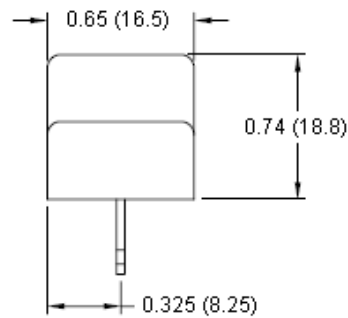
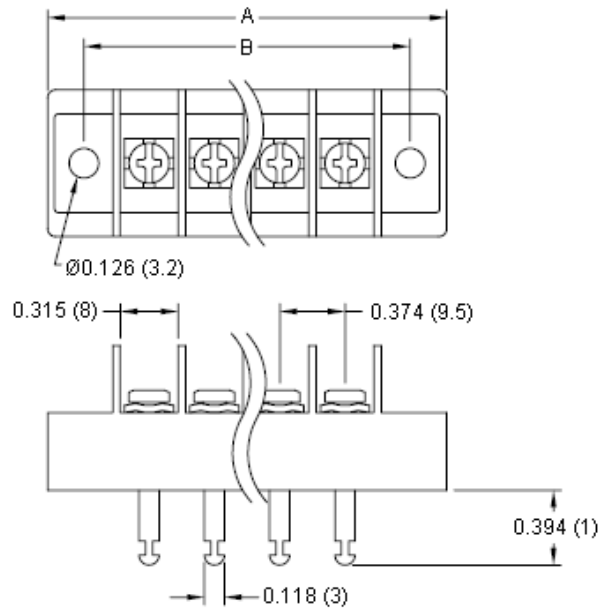


TBF Turret Terminal Series



Dimensions : Inches (Millimetres)

Specifications:

Material:

Insulator : PBT, rated UL94V-0
 Insulator colour : Black

Platings:

Contacts : Brass, Tin-plated
 Screws : Steel, Nickel-plated
 Hardware : Brass, Tin-plated

Electrical:

Maximum Operating Voltage : 300 V ac
 Maximum Current Rating : 15 A
 Maximum Contact Resistance : 20 mΩ (initial)
 Minimum Insulation Resistance : 500 MΩ
 Dielectric Withstanding Voltage : 2,000 V ac for 1 minute

Mechanical:

Wire Range : 22 - 14 AWG

Temperature Rating:

Operating temperature : -65°C to +125°C

Environmental:

Lead-free

Packaging:

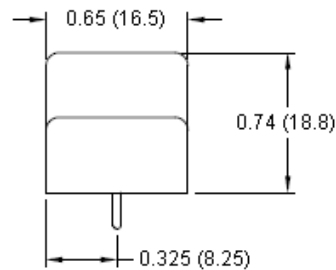
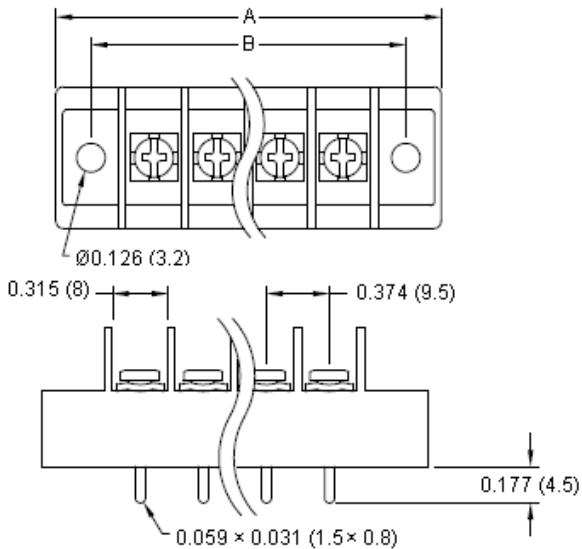
Anti-ESD plastic bags

Unless Otherwise Specified All Dimensions are Inches (mm)
 Tolerance : Except as note

Inches		Holes	
.X	±0.1	Ø.X	±0.1
.XX	±0.02	Ø.XX	±0.015
XXX	±0.015	Ø.XXX	±0.01

$A = 0.374 (9.5) \times \text{No. of Positions} + 0.827 (21.00)$
 $B = 0.374 (9.5) \times \text{No. of Spaces}$

TBF Straight PCB Tail Series



Dimensions : Inches (Millimetres)

Specifications:

Material:

Insulator : PBT, rated UL94V-0
 Insulator colour : Black

Platings:

Contacts : Brass, Tin-plated
 Screws : Steel, Nickel-plated
 Hardware : Brass, Tin-plated

Electrical:

Maximum Operating Voltage : 300 V ac
 Maximum Current Rating : 15 A
 Maximum Contact Resistance : 20 mΩ (initial)
 Minimum Insulation Resistance : 500 MΩ
 Dielectric Withstanding Voltage : 2,000 V ac for 1 minute

Mechanical:

Wire Range : 22 - 14 AWG

Temperature Rating:

Operating temperature : -65°C to +125°C

Environmental:

Lead-free
 Recommended Soldering Temperature : 235°C for 5 s

Packaging:

Anti-ESD plastic bags

Unless Otherwise Specified All Dimensions are Inches (mm)
 Tolerance : Except as note

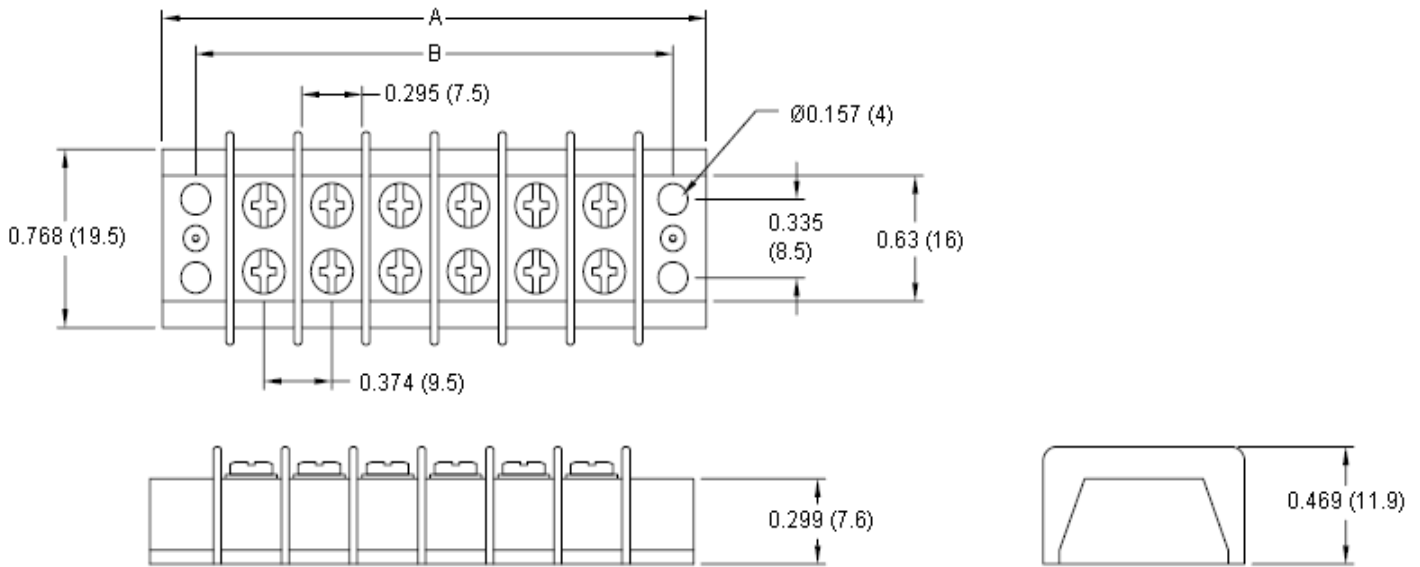
Inches		Holes	
.X	±0.1	Ø.X	±0.1
.XX	±0.02	Ø.XX	±0.015
XXX	±0.015	Ø.XXX	±0.01

$A = 0.374 (9.5) \times \text{No. of Positions} + 0.827 (21)$
 $B = 0.374 (9.5) \times \text{No. of Spaces}$

Terminal Blocks



TDA Dual Row Terminal Series



Dimensions : Inches (Millimetres)

Specifications:

Material:

Insulator : Phenolic, glass reinforced, rated UL 94V-0
 Insulator colour : Black

Unless Otherwise Specified All Dimensions are Inches (mm)
 Tolerance : Except as note

Platings:

Contacts : Brass, Tin-plated
 Screws : Steel, Nickel-plated
 Hardware : Brass, Tin-plated

Inches		Holes	
.X	±0.1	Ø.X	±0.1
.XX	±0.02	Ø.XX	±0.015
XXX	±0.015	Ø.XXX	±0.01

Electrical:

Maximum Operating Voltage : 600 V ac
 Maximum Current Rating : 10 A
 Maximum Contact Resistance : 20 mΩ (initial)
 Minimum Insulation Resistance : 1,000 MΩ at 500 V dc
 Dielectric Withstanding Voltage : 2,000 V ac for 1 minute

$A = 0.374 (9.5) \times \text{No. of Positions per Row} + 0.669 (17)$
 $B = 0.374 (9.5) \times \text{No. of Spaces}$

Mechanical:

Wire Range : 18 - 12 AWG

Temperature Rating:

Operating temperature : -40°C to +100°C

Environmental:

Lead-free

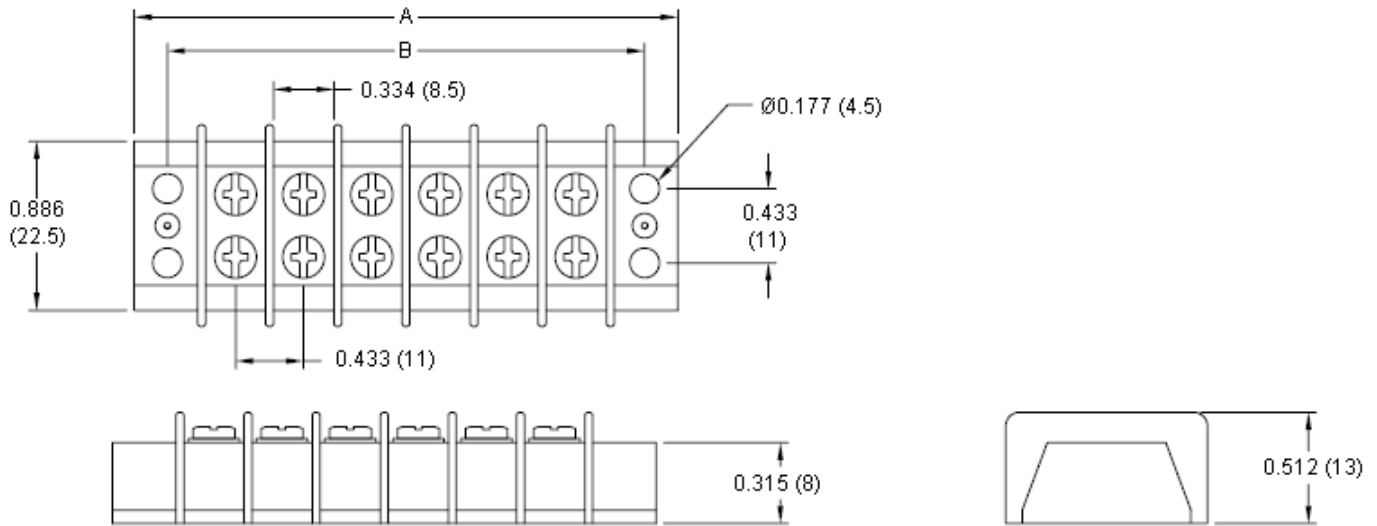
Packaging:

Anti-ESD plastic bags

Terminal Blocks



TDB Dual Row Terminal Series



Dimensions : Inches (Millimetres)

Specifications:

Material:

Insulator : Phenolic, glass reinforced, rated UL 94V-0
 Insulator colour : Black

Platings:

Contacts : Brass, Tin-plated
 Screws : Steel, Nickel-plated
 Hardware : Brass, Tin-plated

Electrical:

Maximum Operating Voltage : 300 V ac
 Maximum Current Rating : 20 A
 Maximum Contact Resistance : 20 mΩ at 500 V dc
 Minimum Insulation Resistance : 500 MΩ at 500 V dc
 Dielectric Withstanding Voltage : 2,000 V ac for 1 minute

Mechanical:

Wire Range : 18 - 12 AWG

Temperature Rating:

Operating temperature : -40°C to +100°C

Environmental:

Lead-free

Packaging:

Anti-ESD plastic bags

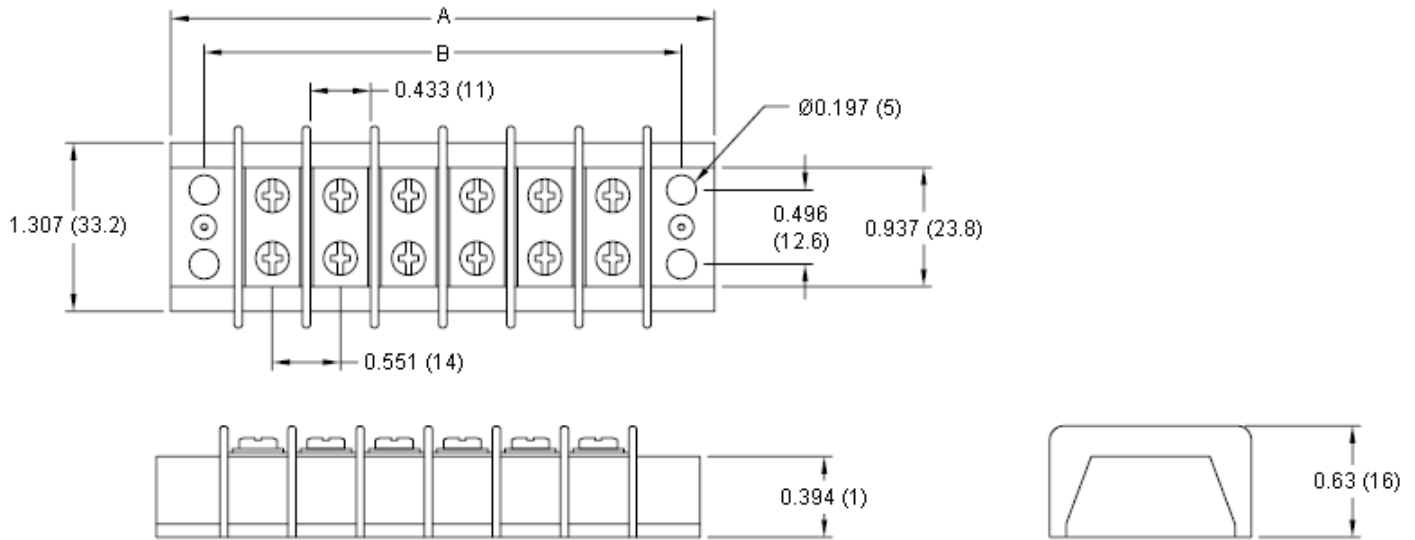
Unless Otherwise Specified All Dimensions are Inches (mm)
 Tolerance : Except as note

Inches		Holes	
.X	±0.1	Ø.X	±0.1
.XX	±0.02	Ø.XX	±0.015
XXX	±0.015	Ø.XXX	±0.01

$A = 0.433 (11) \times (\text{No. of Poles} + 1) \text{ per Row} + 0.382 (9.7)$

$B = 0.433 (11) \times (\text{No. of Poles} + 1) \text{ per Row}$

TDC Dual Row Terminal Series



Dimensions : Inches (Millimetres)

Specifications:

Material:

Insulator : Phenolic, glass reinforced, rated UL 94V-0
 Insulator colour : Black

Platings:

Contacts : Brass, Tin-plated
 Screws : Steel, Nickel-plated
 Hardware : Brass, Tin-plated

Electrical:

Maximum Operating Voltage : 600 V ac
 Maximum Current Rating : 30 A
 Maximum Contact Resistance : 20 mΩ (initial)
 Maximum Insulation Resistance : 1,000 MΩ at 500 V dc
 Dielectric Withstanding Voltage : 2,000 V ac for 1 minute

Mechanical:

Wire Range : 18 - 12 AWG

Temperature Rating:

Operating temperature : -40°C to +100°C

Environmental:

Lead-free

Packaging:

Anti-ESD plastic bags

Unless Otherwise Specified All Dimensions are Inches (mm)

Tolerance : Except as note

Inches		Holes	
.X	±0.1	Ø.X	±0.1
.XX	±0.02	Ø.XX	±0.015
XXX	±0.015	Ø.XXX	±0.01

$A = 0.551 (14) \times \text{No. of Positions per Row} + 0.394 (10)$

$B = 0.551 (14) \times \text{No. of Spaces}$

Terminal Blocks

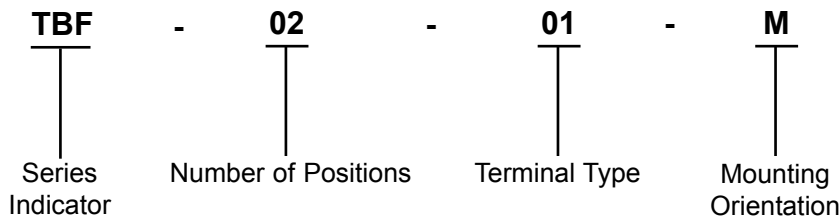
Part Number Table

Description	Part Number
Terminal Block	TBF-03-01-M
Terminal Block	TBF-05-01-M
Terminal Block	TBF-06-01-M
Terminal Block	TBF-07-01-M
Terminal Block	TBF-08-01-M
Terminal Block	TBF-10-01-M
Terminal Block	TBF-16-01-M
Terminal Block	TBF-02-05-M
Terminal Block	TBF-03-05-M
Terminal Block	TBF-04-05-M
Terminal Block	TBF-06-05-M
Terminal Block	TBF-08-05-M
Terminal Block	TBF-10-05-M
Terminal Block	TBF-12-05-M
Terminal Block	TDA-20
Terminal Block	TDB-06

Description	Part Number
Terminal Block	TDB-07
Terminal Block	TDB-08
Terminal Block	TDB-09
Terminal Block	TDB-10
Terminal Block	TDB-12
Terminal Block	TDB-14
Terminal Block	TDB-16
Terminal Block	TDB-18
Terminal Block	TDB-20
Terminal Block	TDC-02
Terminal Block	TDC-03
Terminal Block	TDC-04
Terminal Block	TDC-05
Terminal Block	TDC-06
Terminal Block	TDC-08
Terminal Block	TDC-12
Terminal Block	TDC-16

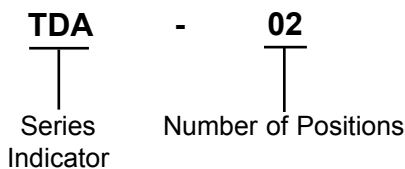
Part Number Explanation:

TB Series Terminal Blocks



- Series Indicator** : TBF = 0.374" Centreline Barrier Block
- Number of Positions** : 02 = 2, 03 = 3, 04 = 4, 05 = 5, 06 = 6, 07 = 7, 08 = 8, 10 = 10, 12 = 12 and 16 = 16 Positions
- Terminal Type** : 01 = Straight PCB Tail and 05 = Turret Terminal
- Mounting Orientation** : M = Mount End

TD Series Dual Row Blocks



- Series Indicator** : TDA = 0.374" Centreline Dual Row, TDB = 0.433" Centreline Dual Row and TDC = 0.551" Centreline Dual Row
- Number of Positions** : 02 = 2, 03 = 3, 04 = 4, 05 = 5, 06 = 6, 07 = 7, 08 = 8, 09 = 9, 10 = 10, 12 = 12, 14 = 14, 16 = 16, 18 = 18 and 20 = 20 Positions

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