

1218440-5

✓ ACTIVE

## AMPLIMITE

TE Internal #: 1218440-5

Box Mount D-Sub Connectors, Plug, Round Termination Post &amp; Tail

Diameter .76 mm [.03 in], Cable-to-Board, 50 Position, 5 Connector

Shell Size, Pin

[View on TE.com >](#)

Connectors &gt; D-Shaped Connectors &gt; D-Sub Connectors &gt; Box Mount D-Sub Connectors

Connector & Housing Type: **Plug**Round Termination Post & Tail Diameter: **.76 mm [ .03 in ]**Connector System: **Cable-to-Board**Number of Positions: **50**Power/Signal/Coax Combination: **No****Features****Product Type Features**

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector Shell Size	5
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

PCB Mount Orientation	Right Angle
Number of Positions	50
Power/Signal/Coax Combination	No

**Body Features**

Rear Shell Material	Steel
Rear Shell Plating Material	Cadmium
Front Shell Plating Material	Cadmium
Front Shell Material	Steel
D-Sub Connector Insert Arrangement	MS18277-1

**Contact Features**

	10 $\mu$ in[50 $\mu$ in]
Contact Mating Area Plating Material	Gold

PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Beryllium Copper, Brass
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	5 A

#### Termination Features

Termination Post & Tail Length	3.18 mm [.125 in]
Round Termination Post & Tail Diameter	.76 mm [.03 in]

#### Mechanical Attachment

Mounting Hole Diameter	3.05 mm [.12 in]
Mating Alignment	Without

#### Housing Features

Centerline (Pitch)	2.77 mm [.109 in]
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#### Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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#### Operation/Application

Circuit Application	Signal
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#### Packaging Features

Packaging Method	Package
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#### Other

D-Shaped Connectors Comment	For solder dip product see part number 1-1218440-0.
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#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Cd (95% in CADMIUM PLATING)

Pb (3.7% in component part)

## Article Safe Usage Statements:

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

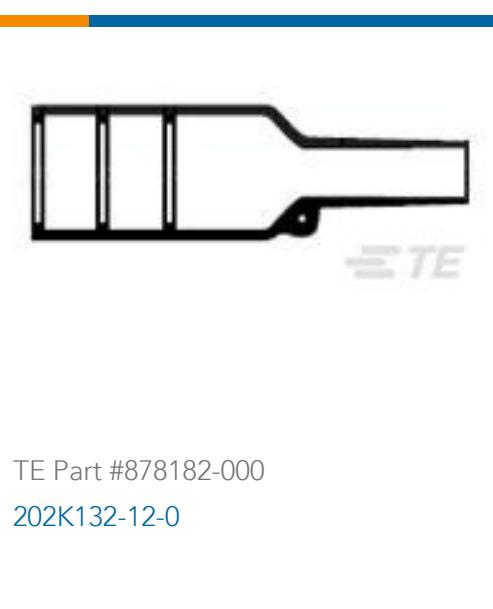
Solder Process Capability

Wave solder capable to 265°C

## Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Customers Also Bought



TE Part #878182-000  
202K132-12-0



TE Part #5745784-4  
37 MSFL RCPT RA 318 (IN,FM)



TE Part #5747236-2  
15 MSFL PLUG RA 318 (FM)



TE Part #5-104935-3  
03 MTE HDR SRRA LATCH



TE Part #5-104935-1  
04 MTE HDR SRRA LATCH



TE Part #1757823-9  
AMPLIMITE,ASY,PLUG,STD,90,ZN,3,CT



TE Part #1757824-9  
AMPLIMITE,ASY,RCPT,STD,90,ZN,3,CT



TE Part #YDTS26W25-61SNV001  
PLUG ASSY



TE Part #YDTS20W25-61PNV001  
RECP ASSY



TE Part #CX6566-000  
BND-0812S

## Documents

### Product Drawings

[AMPLIMITE,ASY,PLUG,RT ANG,109,5](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1218440-5\\_D\\_c-1218440-5-d.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1218440-5\\_D\\_c-1218440-5-d.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1218440-5\\_D\\_c-1218440-5-d.3d\\_stp.zip](#)

English

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### Agency Approvals

[UL Report](#)

English