

1757836-5 ✓ ACTIVE

**AMPLIMITE**

TE Internal #: 1757836-5

Receptacle, Termination Post & Tail Diameter .76 mm [.03 in],  
Cable-to-Board, 50 Position, 5 Connector Shell Size, Socket, Box  
Mount D-Sub Connectors

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Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: **Receptacle**

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	Receptacle
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	Zinc
Front Shell Plating Material	Zinc
Front Shell Material	Steel
D-Sub Connector Insert Arrangement	MS18277-1

**Contact Features**

Contact Options	Installed
Contact Mating Area Plating Material	Gold



Contact Base Material	Beryllium Copper, Brass
Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	5 A

### Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.76 mm[.03 in]

### Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
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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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Contact/Component) <b>Article Safe Usage Statements:</b> 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

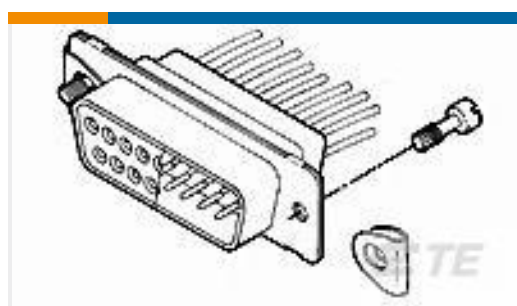
## Product Compliance Disclaimer

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 #1-640454-2  
12P MTA100 HDR ASSY SQ STR POL



TE Part #1857211-1  
KIT, SCREW RETAINER AMPLIMITE,



TE Part #5-104656-2  
20 50/50 HDR DRST SFMNT.320 SN



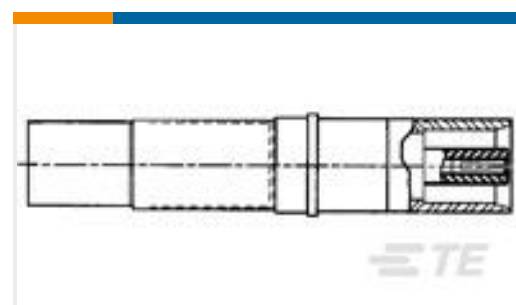
TE Part #1218440-3  
AMPLIMITE,ASY,PLUG,RT ANG,109,3



TE Part #1437603-2  
DPS10131AK2=PUSHWHEEL DPS



TE Part #212562-2  
AMPLIMITE CONN SVR,37 POS,TRW



TE Part #298656-000  
DK-602-0157-1



TE Part #1218124-5  
50 POS,ASSY,PLUG,LOW PROF,109



TE Part #1616035-1  
D56B=RELAY

## Documents

## Product Drawings

[AMPLIMITE,R/A RCPT ASY,109,ZN,5](#)

English



**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1757836-5\\_D.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1757836-5\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1757836-5\\_D.3d\\_stp.zip](#)

English

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