

1757836-5 ✓ ACTIVE

AMPLIMITE

TE Internal #: 1757836-5

Box Mount D-Sub Connectors, Receptacle, Round Termination

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

Connector Shell Size

[View on TE.com >](#)



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



Connector & Housing Type: **Receptacle**

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 | 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 Printed Circuit Board | Through Hole - Solder |
| Round Termination Post & Tail Diameter | .76 mm[.03 in] |

Mechanical Attachment

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

Housing Features

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|--------------------|------------------|
| Centerline (Pitch) | 2.77 mm[.109 in] |
|--------------------|------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 - 125 °C[-67 - 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Contact/Component) <small>Article Safe Usage Statements: 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.</small> |
| 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



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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