1218408-3 ACTIVE

AMPLIMITE

TE Internal #: 1218408-3

Receptacle, Cable-to-Board, Board Mount, 25 Position, 3 Shell Size, Socket, Size 20 Contact Size, 2.77 mm [.109 in] Centerline, Printed

Circuit Board

View on TE.com >



Connectors > D-Shaped Connectors > D-Sub Connectors > Panel Mount D-Sub Connectors



Connector & Housing Type: Receptacle

Termination Post & Tail Diameter: .76 mm [.03 in]

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Number of Positions: 25

Features

Product Type Features

| Connector & Housing Type | Receptacle |
|-----------------------------------|-----------------------|
| Connector System | Cable-to-Board |
| Connector Shell Size | 3 |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| PCB Mount Orientation | Right Angle |
|-------------------------------|-------------|
| Number of Positions | 25 |
| Power/Signal/Coax Combination | No |

Body Features

| Front Shell Material | Steel |
|------------------------------------|-----------|
| D-Sub Connector Insert Arrangement | MS18275-1 |
| Rear Shell Plating Material | Cadmium |
| Rear Shell Material | Steel |
| Front Shell Plating Material | Cadmium |

Contact Features

| Contact Mating Area Plating Material | Gold (Au) |
|--------------------------------------|-------------------------|
| Contact Base Material | Beryllium Copper, Brass |



| PCB Contact Termination Area Plating Material | Nickel |
|---|-----------|
| Contact Options | Installed |
| Contact Type | Socket |
| Contact Size | Size 20 |
| Contact Current Rating (Max) | 5 A |
| | |

Termination Features

| Termination Method to PCB | Through Hole - Solder |
|----------------------------------|-----------------------|
| Termination Post & Tail Length | 3.96 mm[.156 in] |
| Termination Post & Tail Diameter | .76 mm[.03 in] |

Mechanical Attachment

| Mounting Hole Diameter | 2.92 mm |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
| Mating Alignment | Without |

Housing Features

| 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 | 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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Cd (2.1% in Component Part) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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

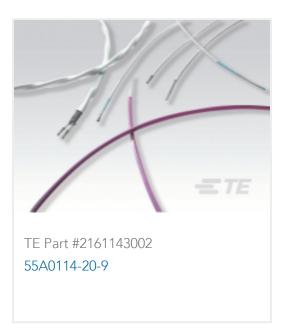
Solder Process Capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought























Documents



Product Drawings

AMPLIMITE, ASY, RCPT, RTANG, 109, 3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1218408-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1218408-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1218408-3_B.3d_stp.zip

English

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