



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



Connector & Housing Type: **Receptacle**

Post Diameter: **.76 mm [ .03 in ]**

PCB Mount Orientation: **Right Angle**

Connector System: **Cable-to-Board**

Number of Positions: **25**

Features

Product Type Features

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

Configuration Features

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

Body Features

|                                              |           |
|----------------------------------------------|-----------|
| Box Mount D-Sub Connector Insert Arrangement | MS18275-1 |
| Shell Material                               | Steel     |
| Shell Plating Material                       | Cadmium   |
| Non-Magnetic                                 | No        |

Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|



|                                               |                         |
|-----------------------------------------------|-------------------------|
|                                               | 50 µin                  |
| Contact Mating Area Plating Material          | Gold                    |
| PCB Contact Termination Area Plating Material | Nickel                  |
| Contact Base Material                         | Beryllium Copper, Brass |
| D-Sub Contact Size                            | 20                      |
| Contact Current Rating (Max)                  | 5 A                     |

Termination Features

|                         |                  |
|-------------------------|------------------|
| Termination Post Length | 3.18 mm[.125 in] |
|-------------------------|------------------|

Mechanical Attachment

|                        |                         |
|------------------------|-------------------------|
| Mounting Hole Diameter | 2.92 mm[.115 – .125 in] |
|------------------------|-------------------------|

Housing Features

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

Dimensions

|               |                |
|---------------|----------------|
| Post Diameter | .76 mm[.03 in] |
|---------------|----------------|

Usage Conditions

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

Operation/Application

|                      |        |
|----------------------|--------|
| ULTRA-LITE Connector | No     |
| Circuit Application  | Signal |

Industry Standards

|                    |    |
|--------------------|----|
| NASA Qualification | No |
|--------------------|----|

Packaging Features

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

Other

|         |                                                   |
|---------|---------------------------------------------------|
| Comment | For solder dip product see part number 1218434-8. |
|---------|---------------------------------------------------|

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: JUNE 2022 (224)  
Candidate List Declared Against: JAN 2021 (211)  
SVHC > Threshold:  
Cd (8.18% in shell)  
Pb (3.7% in socket)

**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 Low Halogen - contains Br or Cl > 900 ppm.

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>

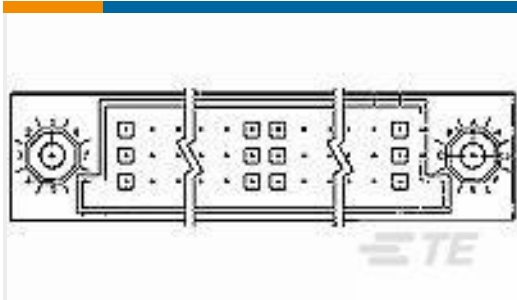
Customers Also Bought



TE Part #5745175-1  
CABLE CLAMP KIT, SZ 5



TE Part #YDTS26F17-35SAV001  
Straight Plug: D38999, 17-35 Insert, Electroless Nickel Plating



TE Part #532433-8  
HDI PIN ASSY 3 ROW 165 POS



TE Part #764684-000  
SO63-2-55-24-90



TE Part #251379-000  
SO63-3-55-24-90



TE Part #021174-000  
SO63-2-55-22-90



TE Part #443976-4  
AMPLIMITE, ASY, RCPT, POSTD, 109, 4



TE Part #6-534998-0  
20 MODIV VRT DR CE 100/125

Documents

Product Drawings



R/A RCP ASSY 25 POS SER 109

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1218434-3\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1218434-3\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1218434-3\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Agency Approvals

UL Report

English