

443975-5 ✓ ACTIVE

AMPLIMITE

TE Internal #: 443975-5

Box Mount D-Sub Connectors, Receptacle, Round Termination

Post & Tail Diameter .76 mm [.03 in], 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         | Vertical |
| 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 µin |
| Contact Mating Area Plating Material | Gold   |



|   |         |
|---|---------|
| PCB Contact Termination Area Plating Material | Gold    |
| Contact Base Material                         | Brass   |
| Contact Type                                  | Socket  |
| Contact Size                                  | Size 20 |
| Contact Current Rating (Max)                  | 5 A     |

### Termination Features

|  |                  |
|--|------------------|
| Termination Post & Tail Length         | 3.95 mm[.156 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] |
|--------------------|------------------|

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

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

### Other

|                             |  |
|-----------------------------|--|
| D-Shaped Connectors Comment | For solder dip product see part number 1-443975-0. |
|-----------------------------|--|

## 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 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>SVHC > Threshold:<br>Cd (1.4% in Front and Rear shell plating )<br><small>Article Safe Usage Statements:</small> |



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

Pin-in-Paste capable to 260°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 #786557-7  
68 50SR VRT RCPT,FL TOP,ACT PN



TE Part #205563-2  
RECEPT ASSY,50 POSN,AMPLIMITE



TE Part #1218124-1  
9 POS,ASSY,PLUG,LOW PROF,109



TE Part #1218124-2  
15 POS,ASSY,PLUG,LOW PROF,109



TE Part #443975-2  
AMPLIMITE,RCPT ASY,POSTD,109,2



TE Part #443975-3  
AMPLIMITE,RCPT ASY,POSTD,109,3



TE Part #1218125-5  
50 POS,ASSY,PLUG,LOW PROF,109



TE Part #YDIV40E21-41SAC009  
RECP ASSY



TE Part #YDIV40E21-41SBC009  
RECP ASSY



TE Part #2-1393659-8  
V42254B1201R960=PC612 MESSERLE

### Documents



## Product Drawings

[AMPLIMITE,RCPT ASY,POSTD,109,5](#)

English

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## CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_443975-5\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_443975-5\\_F.3d\\_igs.zip](#)

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[ENG\\_CVM\\_CVM\\_443975-5\\_F.3d\\_stp.zip](#)

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## Agency Approvals

[UL Report](#)

English