# 1-749611-2

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 1-749611-2

TE Internal Description: 26 50SR PANEL MOUNT RCPT

IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm

View on TE.com >

Connectors > D-Shaped Connectors > IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm







Number of Positions: **26**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Panel**

Connector Mounting Type: **Panel Mount**

Centerline (Pitch): **1.27 mm [ .05 in ]**

All IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm (11)

## Features

### Product Type Features

| | |
|---|---|
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Panel |
| Connector Product Type | Connector Assembly |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 26 |
| Number of Rows | 2 |
| Compatible With Wire & Cable Type | Ribbon Cable, Round Jacketed Cable |

### Body Features

| | |
|---|---|
| Cover Material | Thermoplastic |
| Shell Plating Material | Nickel over Copper |
| Ribbon Cable Centerline Spacing | .64 mm[.025 in] |
| Primary Product Color | Black |

## Contact Features

| | |
|---|---|
| | 30 µin |
| Contact Underplating Material | Nickel |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 1 A |

## Termination Features

| | |
|---|---|
| Termination Cover Method | Assembled |
| Termination Cover Type | Non Lacing |
| Termination Cover | With |
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |

## Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Rails |
| Thread Size | 2-56 |
| Mounting Feature Plating Material | Nickel over Copper |
| Mounting Feature Material | Zinc |
| Mating Retention | With |
| Connector Mounting Type | Panel Mount |

## Housing Features

| | |
|---|---|
| Housing Material | Thermoplastic |
| Shell Material | Steel |
| Centerline (Pitch) | 1.27 mm[.05 in] |

## Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | .74 – .91 mm[.029 – .036 in] |
| Compatible Insulation Diameter (Max) | .91 mm |
| Solid Wire Size | 30 – 28 AWG |
| Wire Size | 30 – 28 AWG |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Shielded | No |

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

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 14 |
| Packaging Method | Tube |

# Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

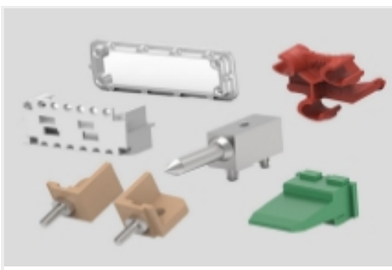
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

# Compatible Parts

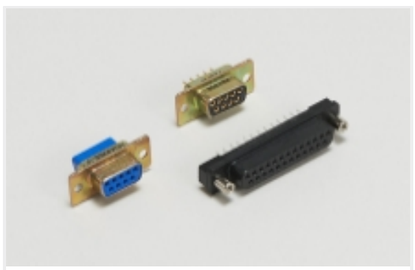


TE Part # 749611-1
26 50SR PANEL MOUNT RCPT

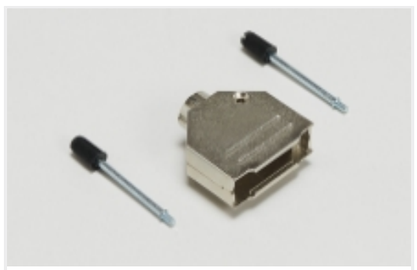
## Also in the Series | AMPLIMITE 0.50 Series



Connector Hardware(6)



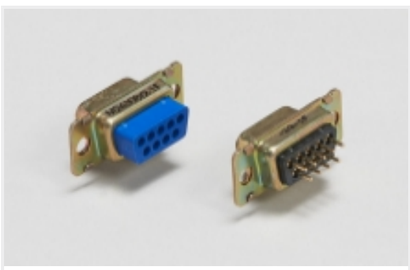
D-Shaped Connectors(234)



D-Sub Backshells & Clamps(20)

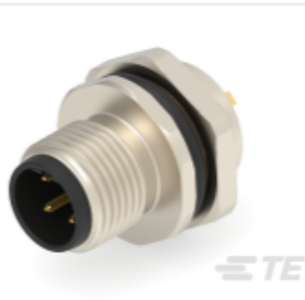


IDC D-Sub Connectors(63)



Panel Mount D-Sub Connectors(27)

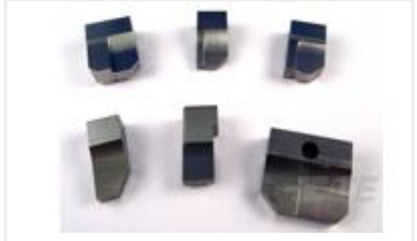
## Customers Also Bought



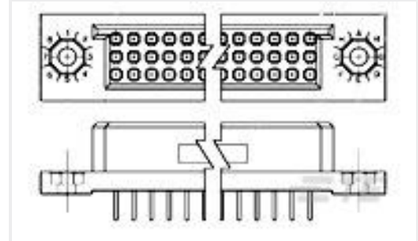
TE Part #T4132412041-000
M12,FRONT MOUNT,MALE,B,4P, SOLDER WIRE



TE Part #146888-1
1FHP,64,30A/P,S,C,S10,12,13,15



TE Part #5-458834-4
ANVIL COMB



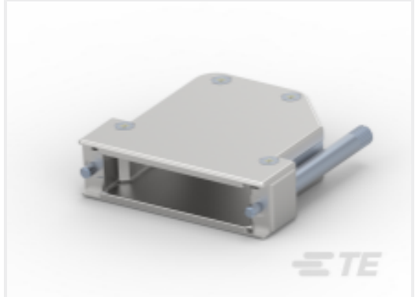
TE Part #533287-4
BOX II ASSY 105 POS W/SOLD TL



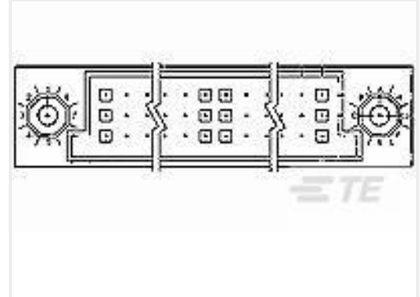
TE Part #CAT-SSL-RECEPTACLE
NANONICS DUALOBE Connector: Receptacle, Plastic Shell



TE Part #1617125-1
JMAW-12XL = M39016/9-016L



TE Part #1-2308342-5
FULL METAL HOODS SIZE 3-5 (RAW)



TE Part #532433-4
HDI PIN ASSY 3 ROW 105 POS



TE Part #1445297-4
REC.R/A SMT,12 POS

## Documents

### Product Drawings

26 50SR PANEL MOUNT RCPT

English

### CAD Files

Customer View Model

ENG_CVM_1-749611-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_1-749611-2_T.3d_stp.zip

English

Customer View Model

ENG_CVM_1-749611-2_T.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-749611-2_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-749611-2_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-749611-2_N.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Application Specification

English

### Agency Approvals

UL

English