



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



Connector & Housing Type: **Receptacle**  
Connector System: **Cable-to-Cable**  
Number of Positions: **21**  
Power/Signal/Coax Combination: **Yes**  
D-Sub Shell Size: **3**

Features

Product Type Features

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

Configuration Features

|                               |     |
|-------------------------------|-----|
| Number of Positions           | 21  |
| Power/Signal/Coax Combination | Yes |

Body Features

|                                              |                 |
|----------------------------------------------|-----------------|
| Box Mount D-Sub Connector Insert Arrangement | 21C1            |
| Retention Clip Material                      | Stainless Steel |
| Shell Plating Material                       | Zinc            |
| Shell Material                               | Steel           |
| Non-Magnetic                                 | No              |

Contact Features

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



|                              |             |
|------------------------------|-------------|
| D-Sub Contact Size           | 20, 8       |
| Contact Current Rating (Max) | 7.5 A, 32 A |

Mechanical Attachment

|                        |                 |
|------------------------|-----------------|
| Mounting Hole Diameter | 3.05 mm[.12 in] |
|------------------------|-----------------|

Housing Features

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

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

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

Other

|         |                                                                            |
|---------|----------------------------------------------------------------------------|
| Comment | Cable clamp/strain relief hardware cannot be used with these arrangements. |
|---------|----------------------------------------------------------------------------|

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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2019 (197)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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>

Compatible Parts



TE Part # 318813-1  
EXTRACTION TOOL ASSY

Customers Also Bought



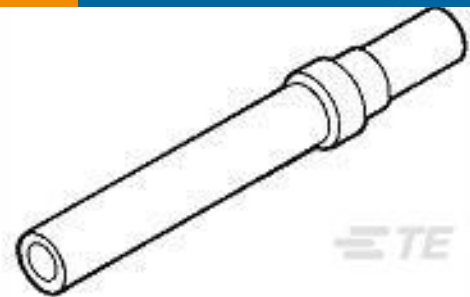
TE Part #201568-1  
TYPE II CONTACTS



TE Part #1757819-6  
AMPLIMITE,ASY,PLUG,STD,109,ZN,1,CT



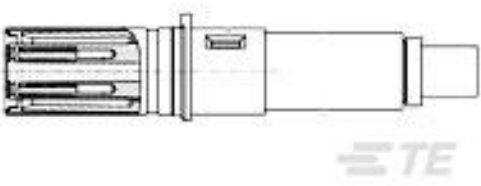
TE Part #205164-1  
AMPLIMITE,ASY,PLUG,STD,109,2



TE Part #1218267-1  
CONT,CRIMP SKT,18AWG,109,SZ 20



TE Part #193846-1  
SKT ASSY.



TE Part #1445693-2  
SOCKET CONTACT,QUADRAX,SZ8,RR



TE Part #1604905-1  
KIT,BACKSHELL,2 POS,RCPT

TE Part #1811650-1  
STRAIN RELIEF KIT,GPRB2



|                                                                           |                                                                 |
|---------------------------------------------------------------------------|-----------------------------------------------------------------|
| <div>TE Part #130743-1</div> <div>CONTACT ASSY, SOCKET, SZ 16, LONG</div> | <div>TE Part #ZPF000000000205673</div> <div>M39016/6-107L</div> |
|---------------------------------------------------------------------------|-----------------------------------------------------------------|

Documents

Product Drawings

RECEPT ASSY,21C1,AMPLIMITE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-212526-1\_Y.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-212526-1\_Y.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-212526-1\_Y.3d\_stp.zip

English

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Agency Approvals

UL Report

English