



Connectors > D-Shaped Connectors



Number of Positions: 50  
Connector & Housing Type: Receptacle  
Connector System: Cable-to-Cable  
Connector Mounting Type: Panel Mount  
Connector Shell Size: 5

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector & Housing Type          | Receptacle     |
| Connector System                  | Cable-to-Cable |
| Connector Shell Size              | 5              |
| Sealable                          | No             |
| Connector & Contact Terminates To | Wire & Cable   |

Configuration Features

|                               |    |
|-------------------------------|----|
| Number of Positions           | 50 |
| Power/Signal/Coax Combination | No |

Body Features

|                                    |                 |
|------------------------------------|-----------------|
| Front Shell Material               | Steel           |
| Mating Retention Feature Material  | Stainless Steel |
| D-Sub Connector Insert Arrangement | MS18277-1       |
| Rear Shell Plating Material        | Zinc            |
| Rear Shell Material                | Steel           |
| Front Shell Plating Material       | Zinc            |

Contact Features

|                               |        |
|-------------------------------|--------|
|                               | 50 µin |
| Contact Underplating Material | Nickel |



|                                      |                  |
|--------------------------------------|------------------|
| Contact Mating Area Plating Material | Gold (Au)        |
| Contact Base Material                | Copper Alloy     |
| Contact Type                         | Socket           |
| Contact Size                         | Size 20          |
| Contact Current Rating (Max)         | 7.5 A            |
| Contact Options                      | Order Separately |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |                 |
|-------------------------|-----------------|
| Mounting Hole Diameter  | 3.05 mm[.12 in] |
| Connector Mounting Type | Panel 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 | Carton |
|------------------|--------|

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: JUNE 2025 (250)<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 # 601966-1  
CRIMPING TOOL M22520/2-01

TE Part # 601966-5  
K13-1 POSITIONER

Customers Also Bought

TE Part #205090-1  
HD 20 SOCKET CONTACT

TE Part #207252-1  
PLUG ASSY,SZ 1,AMPLIMITE

TE Part #342186-1  
12-10 F.E.P.G. RING TONGUE NO.

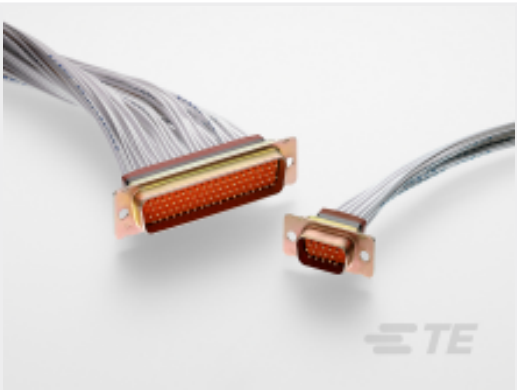
TE Part #3-641240-4  
04P MTA100 CONN ASSY GRN LF

TE Part #1-1617749-2  
FCA-210-1015M=M83536/10-015M

TE Part #1757820-2  
AMPLIMITE,ASY,RCPT,STD,109,ZN,2

TE Part #1757820-3  
AMPLIMITE,ASY,RCPT,STD,109,ZN,3

TE Part #2101497-5  
AMPLIMITE KIT,PLUG,W/IF+GMT,Sz5,90



TE Part #2221860-1  
AMPLIMITE IP67,SZ1, 90, 15 POS,IFS,  
PLUG



TE Part #2416050-2  
PBES22 40 RB NO LAMP NC 000 NC

Documents

Product Drawings

AMPLIMITE,ASY,RCPT,STD,109,ZN,5

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1757820-5\_J1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1757820-5\_J1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1757820-5\_J1.3d\_igs.zip

English

3D PDF

3D

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