



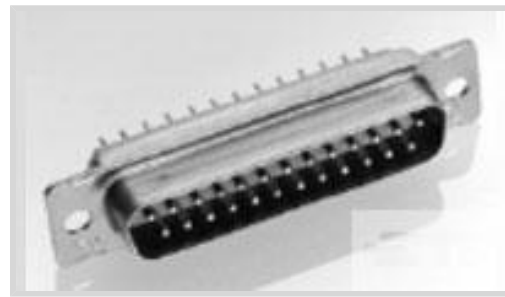
**AMPLIMITE**

TE Internal #: 1-1757820-0

Box Mount D-Sub Connectors, Receptacle, Cable-to-Cable, 50 Position, 5 Connector Shell Size, Socket, Contact Size Size 20

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **50**

Power/Signal/Coax Combination: **No**

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**

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

**Contact Features**

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy



Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A

### Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Mating Alignment	Without

### Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Package
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### Other

D-Shaped Connectors Comment	"Z" is stamped on connectors following M24308 part number as required. "Z" designates zinc shell plating., Size 20 contacts supplied with connectors are loose piece.
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (1.2% in Component Part) <b>Article Safe Usage Statements:</b> 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.

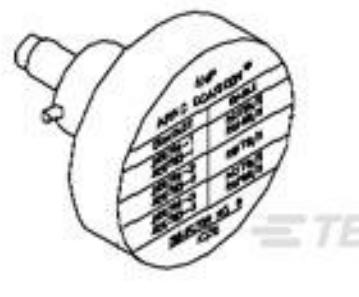
Solder Process Capability

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 # 601966-5  
K13-1 POSITIONER



TE Part # 601966-1  
CRIMPING TOOL M22520/2-01

### Customers Also Bought



TE Part #1757820-7  
AMPLIMITE,ASY,RCPT,STD,109,ZN,2,CT



TE Part #1757819-7  
AMPLIMITE,ASY,PLUG,STD,109,ZN,2,CT




TE Part #1757819-8  
AMPLIMITE,ASY,PLUG,STD,109,ZN,3,CT



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



TE Part #206802-1  
PLUG ASSY,37 POSN,AMPLIMITE



TE Part #1-1757824-1  
AMPLIMITE,ASY,RCPT,STD,90,ZN,5,CT



TE Part #3-2176370-8  
RQ 0603 1K05 0.1% 10PPM 5K RL



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



TE Part #207253-1  
RECEPT ASSY,9 POSN,AMPLIMITE

## Documents

### Product Drawings

[AMPLIMITE,ASY,RCPT,STD,109,ZN,5,CT](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1757820-0\\_J1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1757820-0\\_J1.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1757820-0\\_J1.2d\\_dxf.zip](#)

English

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

### Product Environmental Compliance

[TE Material Declaration](#)

English

### Agency Approvals

[UL Report](#)

English