

1757820-8 ✓ ACTIVE

AMPLIMITE

TE Internal #: 1757820-8

Box Mount D-Sub Connectors, Receptacle, Cable-to-Cable, 25 Position, 3 D-Sub Shell Size, Socket, 20 D-Sub Contact Size, 2.77 mm [.109in] Centerline

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **25**

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

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 | 25 |
| Power/Signal/Coax Combination | No |

Body Features

| | |
|--|-----------------|
| Box Mount D-Sub Connector Insert Arrangement | MS18275-1 |
| Retention Clip Material | Stainless Steel |
| Shell Plating Material | Zinc |
| Shell Material | Steel |
| Non-Magnetic | No |

Contact Features

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



| | |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Gold |
| Contact Underplating Material | Nickel |
| Contact Base Material | Copper Alloy |
| D-Sub Contact Size | 20 |
| Contact Current Rating (Max) | 7.5 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 | Signal |

Industry Standards

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

Packaging Features

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

Other

| | |
|---------|---|
| 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. |
|---------|---|

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: |



Pb (1.2% in Component Part)

Article Safe Usage Statements:

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.

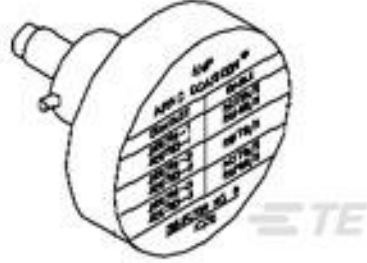
Solder Process Capability

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 #1617091-1
LSAW-2C-12B = 1/2 LATCH 2 POLE



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



TE Part #1-1757823-2
AMPLIMITE,ASY,PLUG,STD,90,ZN,6,CT



TE Part #1-1757820-0
AMPLIMITE,ASY,RCPT,STD,109,ZN,5,CT



Documents

Product Drawings

[AMPLIMITE,ASY,RCPT,STD,109,ZN,3,CT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1757820-8_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1757820-8_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1757820-8_M.3d_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English