



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



Connector & Housing Type: **Plug**

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

Number of Positions: **44**

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

D-Sub Shell Size: **3**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Product Type                      | Connector      |
| Connector & Housing Type          | Plug           |
| 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           | 44 |
| Power/Signal/Coax Combination | No |

Body Features

|                                              |                 |
|----------------------------------------------|-----------------|
| Box Mount D-Sub Connector Insert Arrangement | MS18275-2       |
| Retention Clip Material                      | Stainless Steel |
| Shell Plating Material                       | Zinc            |
| Shell Material                               | Steel           |
| Non-Magnetic                                 | No              |

Contact Features

|                                      |      |
|--------------------------------------|------|
| Contact Type                         | Pin  |
| Contact Mating Area Plating Material | Gold |



|                               |              |
|-------------------------------|--------------|
| Contact Underplating Material | Nickel       |
| Contact Base Material         | Copper Alloy |
| D-Sub Contact Size            | 22           |
| Contact Current Rating (Max)  | 5 A          |

Mechanical Attachment

|                        |                 |
|------------------------|-----------------|
| Mounting Hole Diameter | 2.29 mm[.09 in] |
|------------------------|-----------------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 2.29 mm[.09 in] |
|--------------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -50 – 125 °C[-22 – 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., Supplied without sockets. |
|---------|--------------------------------------------------------------------------------------------------------------------------------------|

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 2022 (224)<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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Documents

Product Drawings

AMPLIMITE,ASY,PLUG,FB,90,ZN,3

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1757825-3\_F\_c-1757825-3-f.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1757825-3\_F\_c-1757825-3-f.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1757825-3\_F\_c-1757825-3-f.3d\_stp.zip

English

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Agency Approvals

UL Report

English