

1757823-1 ✓ ACTIVE

**AMPLIMITE**

TE Internal #: 1757823-1

Box Mount D-Sub Connectors, Plug, Cable-to-Cable, 15 Position,  
Size 1, Pin, Size 22, .09 in [2.29 mm] Centerline, Wire & Cable, Signal

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



Connector & Housing Type: **Plug**

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

Number of Positions: **15**

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

D-Sub Shell Size: **1**

**Features**

**Product Type Features**

Product Type	Connector
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Blindmate	No

**Configuration Features**

Number of Positions	15
Power/Signal/Coax Combination	No

**Body Features**

Box Mount D-Sub Connector Insert Arrangement	MS18273-2
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 Base Material	Copper Alloy
D-Sub Contact Size	22
Contact Current Rating (Max)	5 A

#### Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
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#### Housing Features

Centerline (Pitch)	2.29 mm[.09 in]
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#### Usage Conditions

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

ULTRA-LITE Connector	No
Circuit Application	Signal

#### Industry Standards

NASA Qualification	No
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#### Packaging Features

Packaging Method	Carton
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#### Other

Comment	"Z" is stamped on connectors following M24308 part number as required. "Z" designates zinc shell plating., Size 22 sockets supplied with receptacles 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
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) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

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



## Documents

## Product Drawings

AMPLIMITE,ASY,PLUG,STD,90,ZN,1

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_1757823-1\_K.2d\_dxf.zip

English

## Customer View Model

ENG\_CVM\_CVM\_1757823-1\_K.3d\_igs.zip

English

## Customer View Model

ENG\_CVM\_CVM\_1757823-1\_K.3d\_stp.zip

English

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## Agency Approvals

UL Report

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English