

1218440-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 1218440-1

Box Mount D-Sub Connectors, Plug, Post Diameter .76 mm [.03 in],

Right Angle, Cable-to-Board, 9 Position, Size 1, Pin, Size 20

[View on TE.com >](#)



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



Connector & Housing Type: **Plug**

Post Diameter: **.76 mm [.03 in]**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **9**

Features

Product Type Features

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

Configuration Features

| | |
|-------------------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 9 |
| Power/Signal/Coax Combination | No |

Body Features

| | |
|--|-----------|
| Box Mount D-Sub Connector Insert Arrangement | MS18273-1 |
| Shell Material | Steel |
| Shell Plating Material | Cadmium |
| Non-Magnetic | No |

Contact Features

| | |
|--------------|----------------|
| Contact Type | Pin |
| | 10 µin[50 µin] |



| | |
|---|-------------------------|
| Contact Mating Area Plating Material | Gold |
| PCB Contact Termination Area Plating Material | Nickel |
| Contact Base Material | Beryllium Copper, Brass |
| D-Sub Contact Size | 20 |
| Contact Current Rating (Max) | 5 A |

Termination Features

| | |
|-------------------------|------------------|
| Termination Post Length | 3.18 mm[.125 in] |
|-------------------------|------------------|

Mechanical Attachment

| | |
|------------------------|-----------------|
| Mounting Hole Diameter | 3.05 mm[.12 in] |
|------------------------|-----------------|

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 2.77 mm[.109 in] |
|--------------------|------------------|

Dimensions

| | |
|---------------|----------------|
| Post Diameter | .76 mm[.03 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 | For solder dip product see part number 1218440-6. |
|---------|---|

Product Compliance

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

| | |
|---|--------------------------------------|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| 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 2022
(224)

Candidate List Declared Against: JUN 2020
(209)

SVHC > Threshold:

Cd (2.9% in Component Part)

Article Safe Usage Statements:

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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,RT ANG,109,1](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1218440-1_D_c-1218440-1-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1218440-1_D_c-1218440-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1218440-1_D_c-1218440-1-d.3d_stp.zip](#)

English

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

Agency Approvals

1218440-1

Box Mount D-Sub Connectors, Plug, Post Diameter .76 mm [.03 in], Right Angle,
Cable-to-Board, 9 Position, Size 1, Pin, Size 20



UL Report

English