

1218435-1 ✓ ACTIVE



**AMPLIMITE**

TE Internal #: 1218435-1

Box Mount D-Sub Connectors, Receptacle, Post Diameter 1.02 mm [.04 in], Right Angle, Cable-to-Board, 9 Position, Size 1, Socket, Size 20

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

Post Diameter: **1.02 mm [.04 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	Receptacle
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	Socket
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Contact Mating Area Plating Thickness	1.3 $\mu$ m[50 $\mu$ in]
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]
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#### Mechanical Attachment

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

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

Post Diameter	1.02 mm[.04 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	Package
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#### Other

Comment	For solder dip product see part number 1218435-6.
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#### 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 &gt; 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

[R/A RCP ASSY 9 POS SER 109](#)

English

## CAD Files

[3D PDF](#)

3D

## Customer View Model

[ENG\\_CVM\\_CVM\\_1218435-1\\_B\\_c-1218435-1-b.2d\\_dxf.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1218435-1\\_B\\_c-1218435-1-b.3d\\_igs.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1218435-1\\_B\\_c-1218435-1-b.3d\\_stp.zip](#)

English

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

## Agency Approvals

1218435-1

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## UL Report

English