# 1218441-1 ACTIVE

#### **AMPLIMITE**

TE Internal #: 1218441-1

Box Mount D-Sub Connectors, Plug, Termination Post & Tail Diameter .03 in [.76 mm], Cable-to-Board, 9 Position, 1 Connector

Shell Size, Pin
View on TE.com >



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



Connector & Housing Type: Plug

Termination Post & Tail Diameter: .76 mm [ .03 in ]

Connector System: Cable-to-Board

Number of Positions: 9

Power/Signal/Coax Combination: No

# **Features**

## **Product Type Features**

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

## **Configuration Features**

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

## **Body Features**

Rear Shell Material	Steel
Rear Shell Plating Material	Cadmium
Front Shell Plating Material	Cadmium
Front Shell Material	Steel
D-Sub Connector Insert Arrangement	MS18273-1

# **Contact Features**

Contact Options	Installed
	10 μin[50 μin]



Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Beryllium Copper, Brass
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	5 A
Termination Features	
Termination Post & Tail Length	3.96 mm[.156 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.76 mm[.03 in]
Mechanical Attachment	
Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
Mating Alignment	Without
Housing Features	
Centerline (Pitch)	2.77 mm[.109 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	

# **Product Compliance**

Packaging Method

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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Cd (99.5% in shell)

Package



#### Pb (3.7% in Component part)

#### Article Safe Usage Statements:

Use personal protective equipment as required. 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

Wave solder capable to 265°C

#### Product Compliance Disclaimer

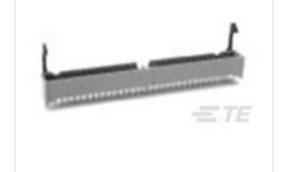
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

# **Customers Also Bought**









TE Part #2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L





RLP73K 3A R12 1% 1K RL

TE Part #1218124-3 25 POS,ASSY,PLUG,LOW PROF,109



TE Part #1757827-5 AMPLIMITE,PLUG ASY,POSTD,109,ZN, 5



TE Part #1757836-5 AMPLIMITE,R/A RCPT ASY,109,ZN,5







# **Documents**

# **Product Drawings**

R/A PLG ASSY 9 POS SER 109

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1218441-1\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1218441-1\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1218441-1\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

# **Product Specifications**

**Application Specification** 

English