# 1218434-5 - ACTIVE

### AMPLIMITE

TE Internal #: 1218434-5 50 Position D-Shaped Connector, Receptacle, Cable-to-Board, Board Mount, 5 Shell Size, 2.77 mm [.109 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **50** Connector & Housing Type: **Receptacle** Connector System: **Cable-to-Board** Connector Mounting Type: **Board Mount** Connector Shell Size: **5** 

## Features

## **Product Type Features**

Sealable	No
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board



Connector Shell Size	5	
Connector & Contact Terminates To	Printed Circuit Board	
Configuration Features		
PCB Mount Orientation	Right Angle	
Power/Signal/Coax Combination	No	
Number of Positions	50	
Body Features		
Front Shell Material	Steel	
D-Sub Connector Insert Arrangement	MS18277-1	
Rear Shell Plating Material	Cadmium	
Rear Shell Material	Steel	
Front Shell Plating Material	Cadmium	
Contact Features		
Contact Mating Area Plating Material	Gold (Au)	
Contact Base Material	Beryllium Copper, Brass	

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PCB Contact Termination Area Plating Material	Nickel
Contact Size	Size 20
	50 µin
Contact Type	Socket
Contact Current Rating (Max)	5 A
Contact Options	Installed
Termination Features	
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.76 mm[.03 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Mechanical Attachment	
Mounting Hole Diameter	2.92 mm
Mating Alignment	Without
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	2.77 mm[.109 in]
Usage Conditions	

## Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Method	Package
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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Cd (95% in CADMIUM PLATING)

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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.

Not Yet Reviewed for halogen content

Halogen Content

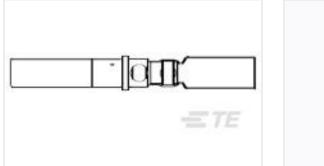
Solder Process Capability

Wave solder capable to 265°C

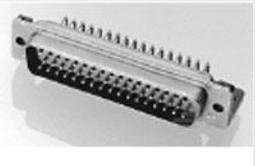
Product Compliance Disclaimer

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 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**









			TOH SIPI
TE Part #304103-000	TE Part #YDTS26F15-19PAV001	TE Part #1218442-1	TE Part #2176052-5
DK-602-0157-N-6	PLUG ASSY	R/A PLG ASSY 9 POS SER 109	RLP73M 1J R075 5% 5K RL





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# Documents

Product Drawings R/A RCP ASSY 50 POS SER 109

English

# CAD Files

# 3D PDF

English

**Customer View Model** 

ENG\_CVM\_1218434-5\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1218434-5\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1218434-5\_C.3d\_stp.zip

English

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