8-338170-2 ACTIVE

AMPLIMITE | AMPLIMITE HDP

TE Internal #: 8-338170-2

PCB D-Sub Connectors, Plug, Cable-to-Board, 25 Position, 2.74 mm

[.108 in] Centerline, 2 Row, Size 3, Round, Standard Profile,

AMPLIMITE HDP

View on TE.com >



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: RA, Size 3, 2.74mm



Connector & Housing Type: Plug
Connector System: Cable-to-Board

Number of Positions: 25

Centerline (Pitch): 2.74 mm [.108 in]

Number of Rows: 2

All D-Sub Plug Assembly: RA, Size 3, 2.74mm (39)

Features

Product Type Features

Grounding Indents Win	/ith
Grounded Yes	es
Grounding Straps Win	/ith
Footprint 10.	0.3 mm[.406 in]
Shell Type Fro	ront Metal Shell
Connector & Housing Type Plu	ug
Connector System Ca	able-to-Board
D-Sub Shell Size 3	
Sealable	0
Connector & Contact Terminates To	rinted Circuit Board
Product Type Co	onnector

Configuration Features

Performance Level	Level 2
Number of Positions	25
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes



Body Features

Plastic	No
Insert Material	Steel
Connector Profile	Standard
Post Size	.7 mm
Color	Black
Shell Plating Material	Tin
Shell Material	Steel

Contact Features

Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Underplating Material	Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
	30 μin

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.2 mm[.126 in]

Mechanical Attachment

PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Screw
Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin
Mounting Hole Diameter	3.1 mm
Boardlock Material	Phosphor Bronze

Housing Features



Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Polyester GF
Housing Color	Black
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Approved Standards	DIN 41652
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Tray
Packaging Quantity	30
Other	

Product Compliance

Installation Height

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

7.3 mm

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.

Compatible Parts



TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly,
Wire to Wire, Signal, 2.77 mm



TE Part # CAT-AM7-253 IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

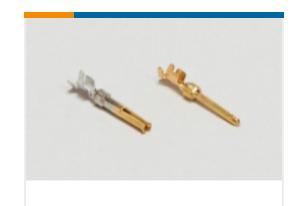


TE Part # CAT-AM7-248H6
IDC D-Sub: Receptacle Kit, Wire to
Wire, Signal, 2.74 mm



TE Part # 747548-8 KIT,RCPT,25P,HDE,SHLD HDWRE

Also in the Series | AMPLIMITE HDP



D-Sub Connector Contacts(6)



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_8-338170-2_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-338170-2_H.3d_igs.zip

English

Customer View Model

PCB D-Sub Connectors, Plug, Cable-to-Board, 25 Position, 2.74 mm [.108 in] Centerline, 2 Row, Size 3, Round, Standard Profile, AMPLIMITE HDP



ENG_CVM_CVM_8-338170-2_H.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

English