

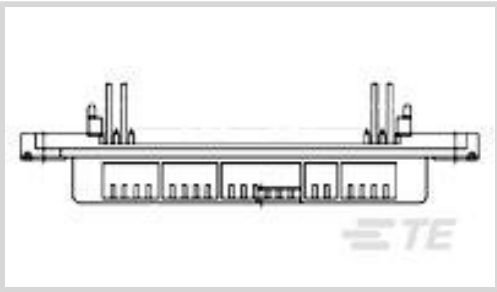


CHAMP

TE Internal #: 5552130-1
50 Position D-Shaped Connector, Receptacle, Cable-to-Board,
Board Mount, 2.16 mm [.085 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
Centerline (Pitch): 2.16 mm [.085 in]

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	50

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Palladium Nickel
	30 µin
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Options	Installed

Termination Features



Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention Type	Bail Lock, Screwlocks
PCB Mount Retention	Without
Mounting Feature Material	Thermoplastic
	.191 in
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Row-to-Row Spacing	1.58 mm[.062 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	60
Packaging Method	Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JAN 2019 (197)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free


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>

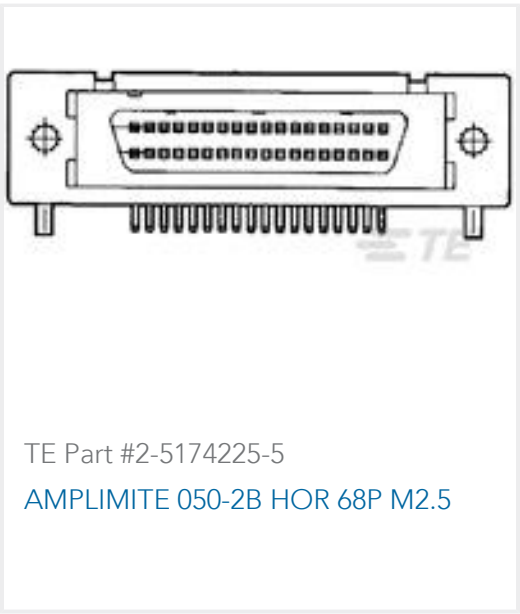
Customers Also Bought




TE Part #2-881545-2
AMP SHUNT LOW PROFI




TE Part #1546414-4
ETHRNT RJ-45 BLKHD PASSTHRU12"




TE Part #2-5174225-5
AMPLIMITE 050-2B HOR 68P M2.5



TE Part #205090-1
HD 20 SOCKET CONTACT



TE Part #3-640443-3
03P MTA100 CONN ASSY GRN



TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU

Documents

Product Drawings
RCPT ASSY, 50 POS, EDGE MOUNT
English



CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5552130-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5552130-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5552130-1_O.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