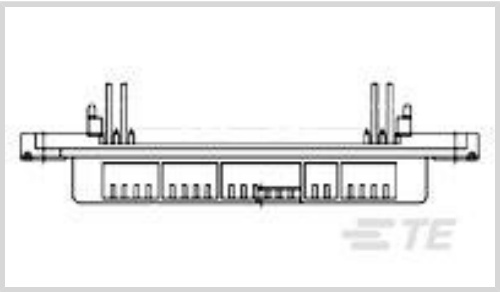




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **50**

Centerline (Pitch): **2.16 mm [.085 in]**

Number of Rows: **2**

Features

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Underplating Material	Palladium Nickel
	30 μin
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

Packaging Features

Packaging Quantity	60
Packaging Method	Tray

Operation/Application

Shielded	No
Circuit Application	Signal



Mechanical Attachment

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

Body Features

Primary Product Color	Black
Connector Profile	Standard

Dimensions

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

Housing Features

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

Product Type Features

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

Configuration Features

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) 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 #2-5174225-5
AMPLIMITE 050-2B HOR 68P M2.5




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




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



TE Part #205090-1
HD 20 SOCKET CONTACT



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



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