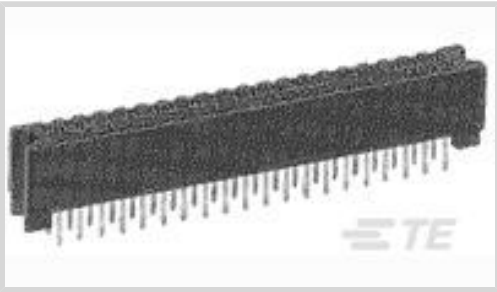




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **50**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	50
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
	50 µin
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Guide Pin Slots
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Bottom & Top
Housing Material	Philips Ryton
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	11.43 mm[.45 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]
	.238 in



Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>



Compatible Parts

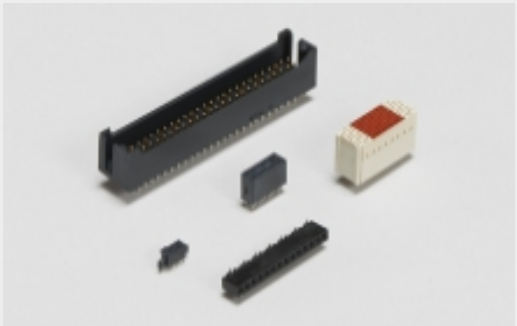


TE Part # 534978-8
50 MODII 2PC HDR DR W/HLDWN

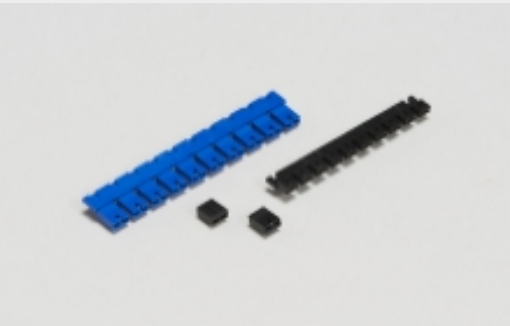


TE Part # 102692-4
50 MODII 2PC HDR DR SHRD

Also in the Series | Modu Connector System



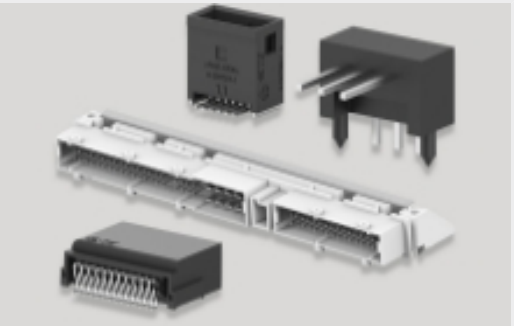
Board-to-Board Headers & Receptacles(814)



Board-to-Board Jumpers & Shunts(5)



Connector Hardware(4)

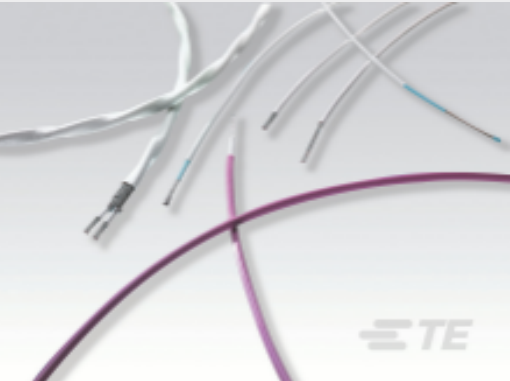


PCB Headers & Receptacles(814)

Customers Also Bought



TE Part #205487-2
AMPLIMITE,ASY,PLUG,FB,109,3,CONT



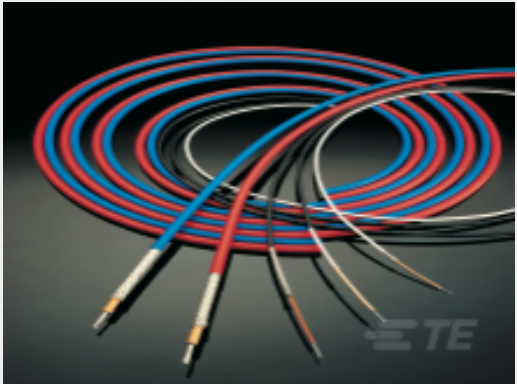
TE Part #EK9921-000
55A4122-16-6/9-9CS2275



TE Part #1375875-5
PLUG HSG,14POS,0.8MM MICRO INT



TE Part #38946-16
CONTACTS



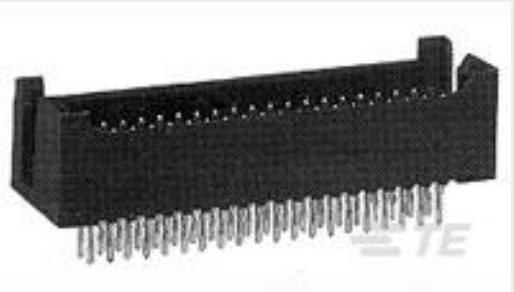
TE Part #010844-000
7724S3664-9



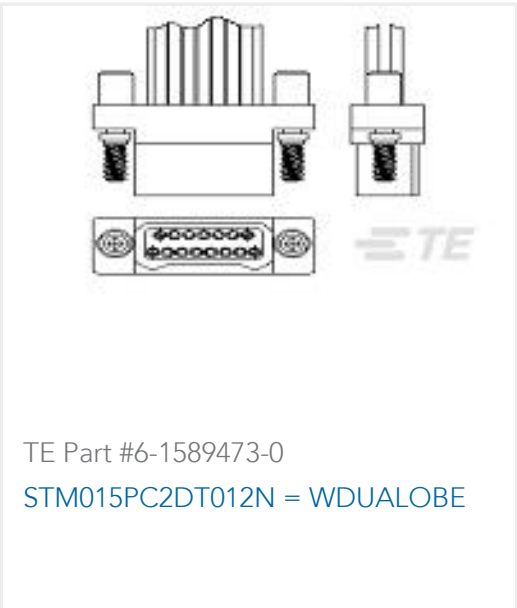
TE Part #1052928-1
2052 8003 92



TE Part #YDTS26G25-19SNV001
PLUG ASSY



TE Part #5-534978-8
50 MODII 2PC HDR DR W/HLDWN, ROHS



Documents

Product Drawings

[50 MODII VRT 2PC DR CE 100CL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_534972-3_P1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_534972-3_P1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_534972-3_P1.2d_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

[AMPMODU Mod II 2-Piece Double Row Header Assemblies](#)

English