5-146277-2 ✔ ACTIVE

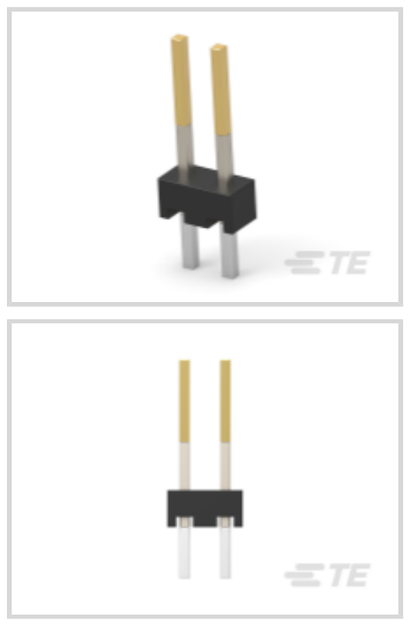
AMPMODU

TE Internal #: 5-146277-2

PCB Mount Header, Vertical, Board-to-Board, 2 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, Black, Carton

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]

Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Carton

Product Compliance

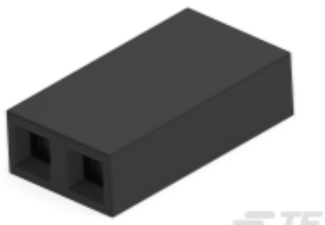
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°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

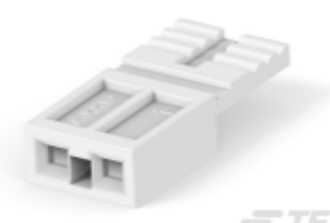
Compatible Parts



TE Part # 530153-2
TDM SPRING SHUNT ASSY 2 POS



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



TE Part # 881545-5
AMP SHUNT ASS'Y



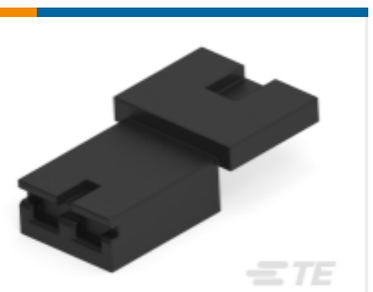
TE Part # 1-881545-2
AMP SHUNT ASS'Y



TE Part # 390088-5
YELLOW HSG WITH 30AU CONTACT



TE Part # 880584-2
SHUNT CONNECTOR



TE Part # 390088-1
BLACK HSG WITH 30AU CONTACT



TE Part # 2-382811-0
ECONOMY SHUNT, 30 AU BLACK



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



TE Part # 1-880584-2
SHUNT CONN. ASS'Y



TE Part # 390088-3
BLUE HSG WITH 30AU CONTACT

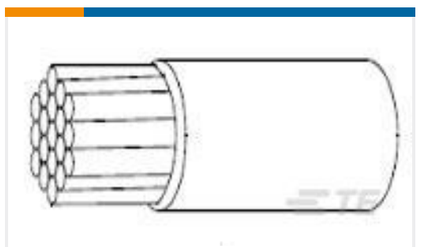


TE Part # 880584-7
AMP SHUNT CONNECTOR ASS'Y



TE Part # 881545-3
SHUNT LP W/HANDLE 2 POS 50AU

Customers Also Bought



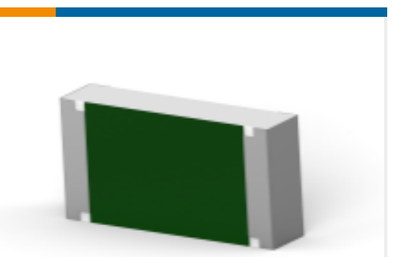
TE Part #216250-000
55A0111-12-1



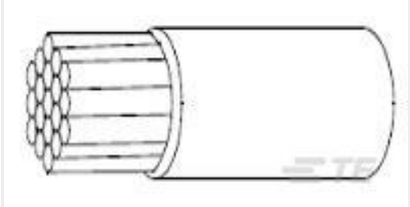
TE Part #5-1625984-4
HSA50 3K0 5%



TE Part #5-104068-5
50 SYSTEM 50 HDR DRST SHRD

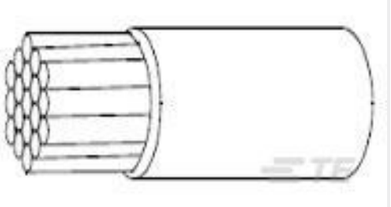


TE Part #2-2176397-9
3502 15R 1%

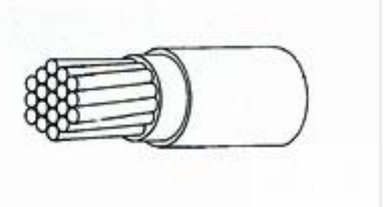


TE Part #216049-000
55A0111-18-2

TE Part #NB18192001
RNF-100-2-CL-STK



TE Part #216366-001
22759/33-20-9



TE Part #184523-000
22759/43-10-9

Documents

Product Drawings

02 MODII HDR SRST B/A .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-146277-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-146277-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-146277-2_E.3d_stp.zip

English

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Global Electronic Components Distributor

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TE Connectivity:

3-1393225-0 SBCHE154R7K TE50BR39J 175977-2 1903112-2 2310537-1 MPT100C18RF 2-292161-3 3631B101LL ROX05SJ18R U5254-000005-030PA 2834055-1 1-794222-0 1743455-2 1969656-1 2377783-2 936348-1 SMW73R0JT 650075-000 RH73H2A40MKTN 917696-1 CRGCQ2010J3K3 SBCHE64R7K 141991-2 2380312-2 3430B2F51RTDF CPF0402B37K4E1 2005330-1 1-962915-1 1393431-1