3-102203-4 ✔ ACTIVE

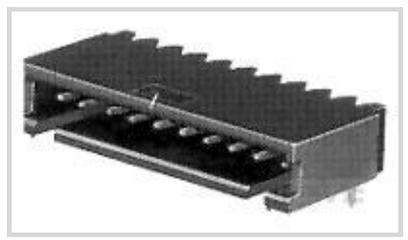
AMPMODU | AMPMODU Headers

TE Internal #: 3-102203-4

PCB Mount Header, Right Angle, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]

PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	2.79 mm[.11 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	50
Packaging Method	Tube

Product Compliance

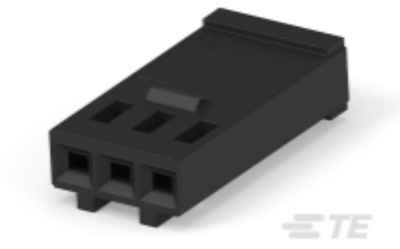
For compliance documentation, visit the product page on TE.com>

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 (40% 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 240°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 # 102241-1
03 MODIV HSG COMP SR .100 POL



TE Part # 487769-1
003 HOUSING FFC RCPT 100CL SR

Also in the Series | AMPMODU Headers



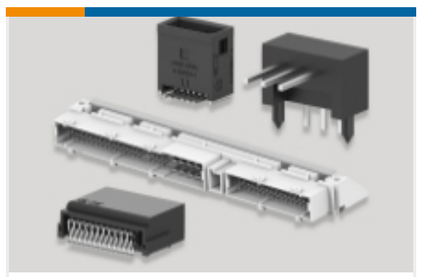
Connector Caps & Covers(1)



Connector Contacts(64)



Connector Hardware(2)



PCB Headers & Receptacles(3204)



Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought



TE Part #1-534206-0
20 MODII VRT DR CE 100/115



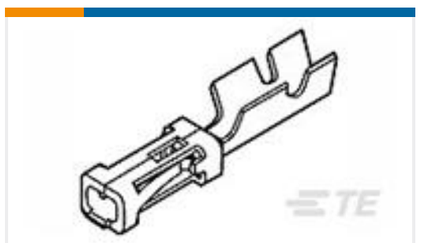
TE Part #5569262-1
STK MJ ASSY,8POS,2X4,SHLD,CAT5



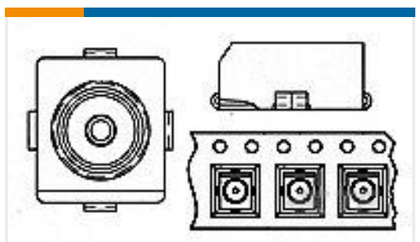
TE Part #102241-1
03 MODIV HSG COMP SR .100 POL



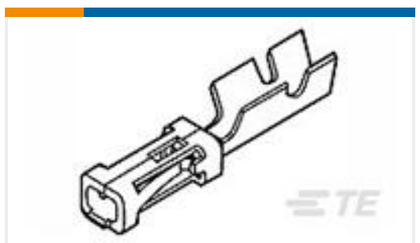
TE Part #5557969-1
MJ,TE,8P/8C,SHLD,PNL STOPS&G



TE Part #87309-8
MOD V RECP PLTD SN



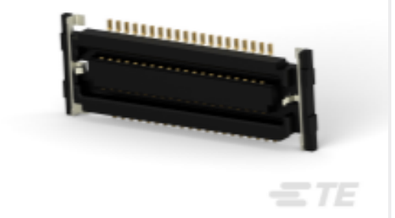
TE Part #1055689-1
2367 5002 54,VERT PLUG



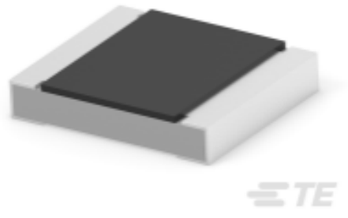
TE Part #87756-4
MOD IV RECP PLTD 15 SEL



TE Part #5177984-1
0.8FH,P05H.5,040,08/Sn,TU



TE Part #4-5353512-0
ON TAPING (EMBOSS) 0.5MM FS CO



TE Part #1-2176587-5
RLC73M 2E R039 1% 1K RL

Documents

Product Drawings

03 MODII HDR SRRA SHRD .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-102203-4_V.3d_igs.zip

English

Customer View Model

ENG_CVM_3-102203-4_V.3d_stp.zip

English

Customer View Model

ENG_CVM_3-102203-4_V.2d_dxf.zip

English

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Datasheets & Catalog Pages

AMPMODU Interconnetion System

English

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Global Electronic Components Distributor

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TE Connectivity:

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