5-146280-8 ✔ ACTIVE

AMPMODU

TE Internal #: 5-146280-8

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au), Through Hole - Solder, Signal, Black, Carton

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **8**

Number of Rows: **1**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	1
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black

Contact Features

Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy

Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

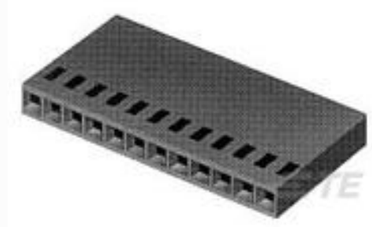
Product Compliance Disclaimer

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

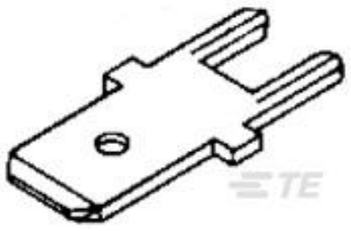


TE Part # 1-87175-8
08 LOCKING CLIP HSG SR .100CL

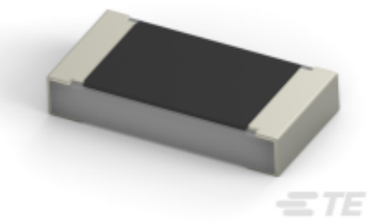


TE Part # 1-87499-4
08 MODIV HSG COMP SR .100CL

Customers Also Bought



TE Part #1-726386-2
250 FASTON,TAB,TPBR



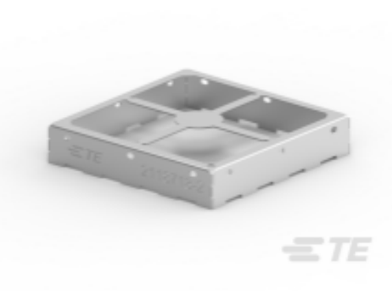
TE Part #1614958-4
CPF 0805 1R05 0.1% 25ppm 1K RL



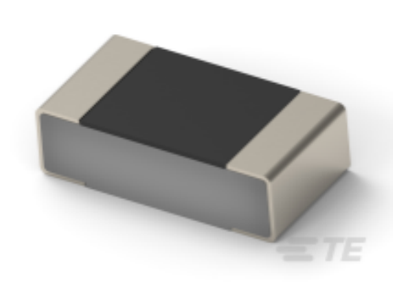
TE Part #2-1625867-1
RP 1J 0.166W 10R 0.1% 25PPM 1K RL



TE Part #6-1676966-5
SMW2 47R 5%



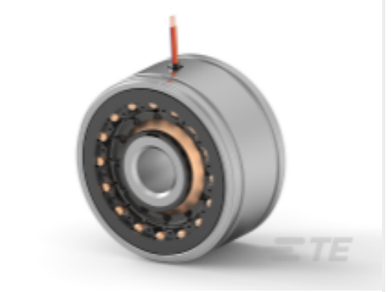
TE Part #2118718-2
STD SHIELD FRAME, CRS-26.21X26.21X5.08MM



TE Part #2176467-6
TLRP 1206 1.0W R025 1% 50PPM 5K RL



TE Part #2307813-4
4P,2MM,BB,REC,SRVT,SMD,0.1AU,TR,W/CP



TE Part #2358691-1
RESOLVER V23401-T1071-B101

TE Part #2834082-1
5.0MM SIDE ENTRY MSC 2P_GY

TE Part #Y72599-17-35SB0000
HERM RECP

Documents

Product Drawings

08 MODII HDR SRST B/A .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-146280-8_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-146280-8_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-146280-8_D.3d_stp.zip

English

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