5-2120871-1 × OBSOLETE

Industrial RJ45 Variant 14

TE Internal #: 5-2120871-1

TE Internal Description: VARIANT 14;METAL JACK,RJ45,CAT5E,180 DEG

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Connector Product Type	Connector Kit
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Vertical

Body Features

Insulator Material	LCP
Shield Plating Material	Nickel
Shield Plating Finish	Matte
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down

Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	3 – 5 µm[3 – 5 µin]

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Mating Entry Location	Bottom
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Connector Height	52 mm[2.04 in]

Operation/Application

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Industry Standards

IP Rating	IP65, IP67
UL Flammability Rating	UL 94V-0
Performance Category	Cat 6

Packaging Features

Packaging Quantity	1
Packaging Method	Blister Pack

Product Compliance

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

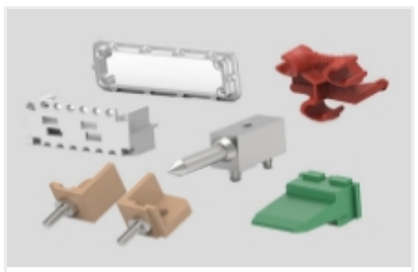
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

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

Also in the Series | Industrial RJ45 Variant 14

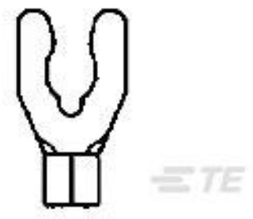


Connector Hardware(1)



RJ45 Connectors(3)

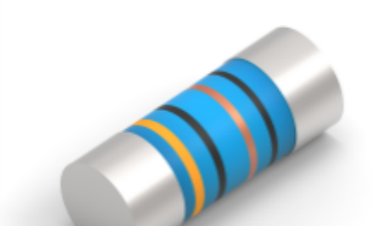
Customers Also Bought



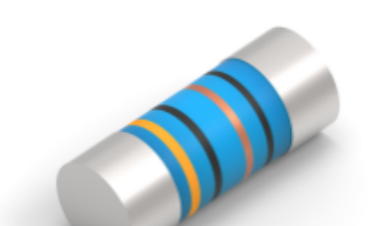
TE Part #53833-1
SOLIS SPR SPADE 16-14 8



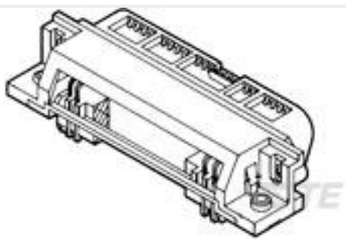
TE Part #2015698-2
RF CA,UMCC GEN2-GEN2,0.81MM CABLE,L100MM



TE Part #5-2176315-6
MELF SMA_A 3K3 1% 50PPM 0204 0.4 W



TE Part #6-2176315-3
MELF SMA_A 12K 1% 50PPM 0204 0.4 W



TE Part #5552726-3
ASSY,PLUG,50 POSN, RTANG, PCB



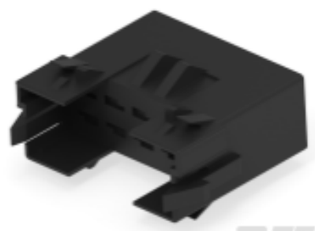
TE Part #5558382-1
MJ,R/A,8P,SHLD



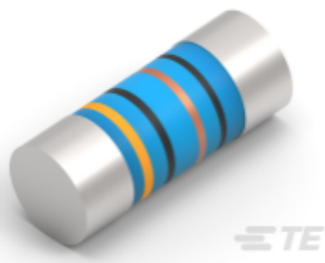
TE Part #6337194-1
BATTERY CONNECTOR ASSEMBLY



TE Part #216415-4
128P.IEC-C FEM.CONN



TE Part #154979-9
10WAY POSI-MATE TAB HSG. PANEL



TE Part #8-2176315-2
MELF SMA-A 39R 1% 50PPM 0204 0.4 W

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-2120871-1_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-2120871-1_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5-2120871-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1-1773733-5_RJ45_VARIANT14_FLYER

English

Instruction Sheets

Instruction Sheet (non U.S.)

German