



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**
Port Configuration: **Multiple Ports**
Port Matrix Configuration: **2 x 8**
Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**
Connector Contact Density: **Standard**

Features

Product Type Features

Connectors & Connector Components Type	Connector
Connector Product Type	Connector Assembly
Ground Component Type	Grounding Clips
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	11
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 8
Connector Contact Density	Standard
Multiple Port Configuration	Stacked
Status Indicator Type	None
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features



Grounding Tab Plating Material	Tin over Copper
Shield Plating Material	Tin over Nickel
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Offset - Overhangs PCB

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	4.14 mm[.163 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	PBT Polyester

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	3.27 mm[.129 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards



UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

Packaging Features

Packaging Quantity	10
Packaging Method	Tray

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

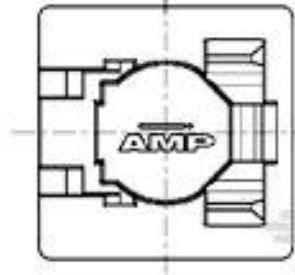
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



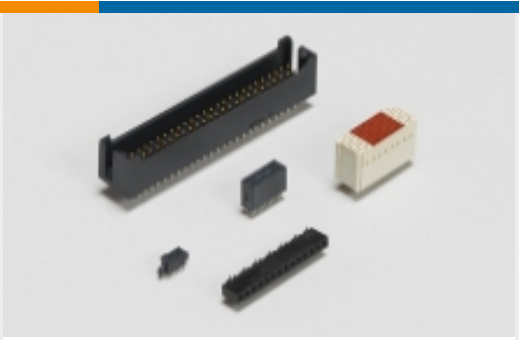


TE Part # 188729-1
8P.COVER/SOLD.STOP



TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

Also in the Series | OEG Miniature Relay PCF



Board-to-Board Headers & Receptacles(4)



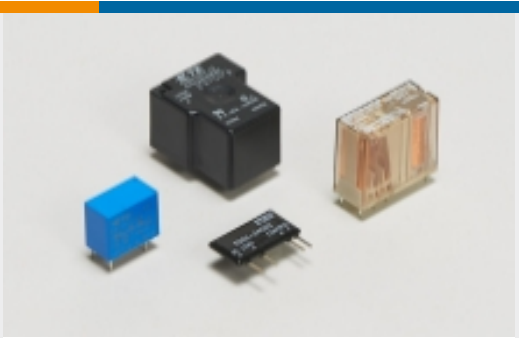
Combo Jacks(2)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)



Power Relays(4)



RJ14 Connectors(3)



RJ22 Connectors(3)



RJ25 Connectors(10)



RJ45 Connectors(70)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #154N-015G-R
MEDIA ISOLATED PRESSURE STOCK LIST



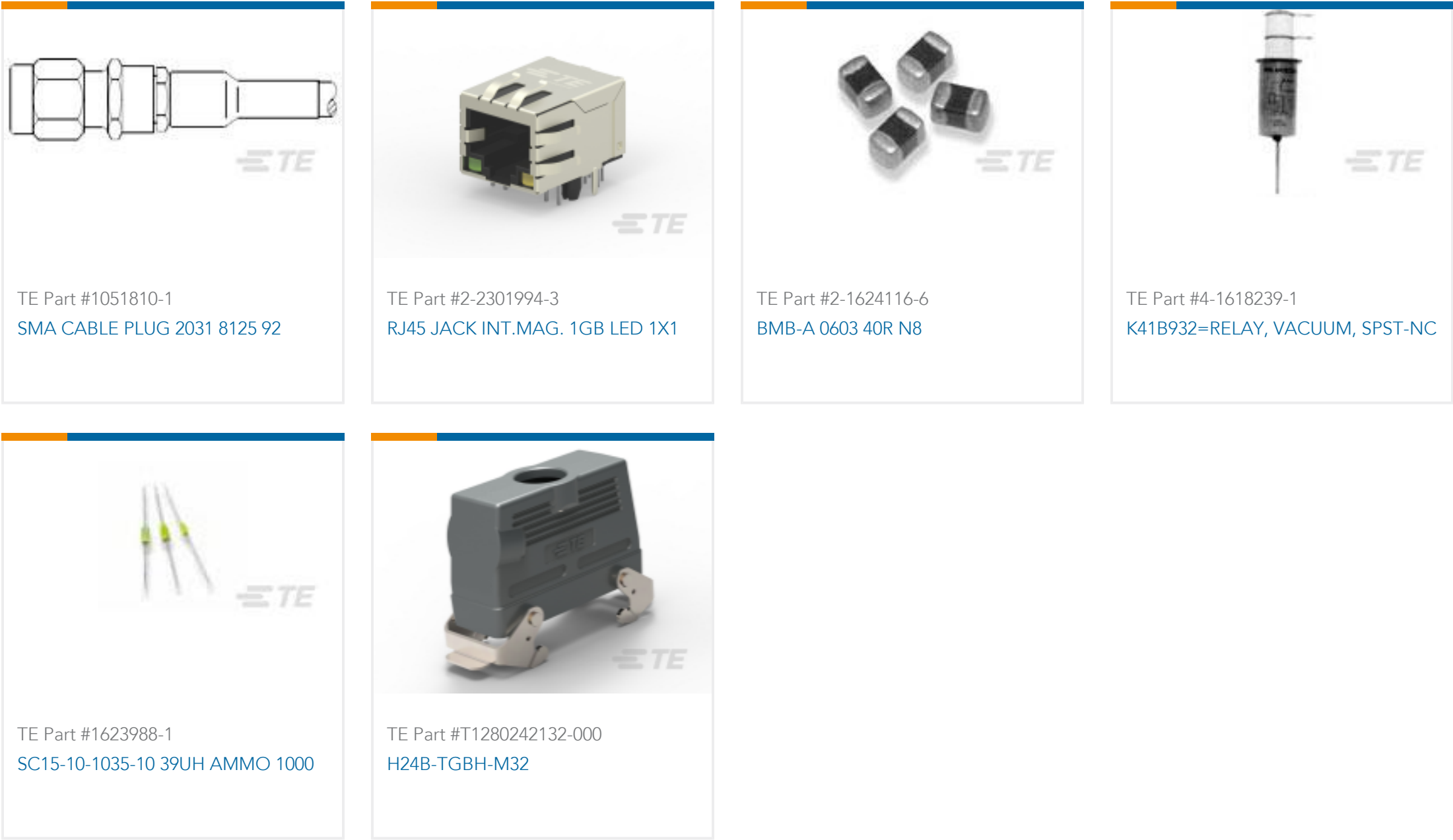
TE Part #2057833-1
SFP+ Enhanced 1x4 Cage Assy



TE Part #2213765-7
AV19 SPM 5A SPOT LED RED 24V



TE Part #1-6609106-4
CORCOM P SERIES MULTI-FUNCTION INLET FIL



Documents

Product Drawings
2X8 OFFSET STACK JK

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1888654-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1888654-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1888654-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages
Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

Product Specifications
Product Specification

English

Offset Stacked Modular Jack with LED_s, Category 5
English



[Agency Approvals](#)

[UL Report](#)

English