

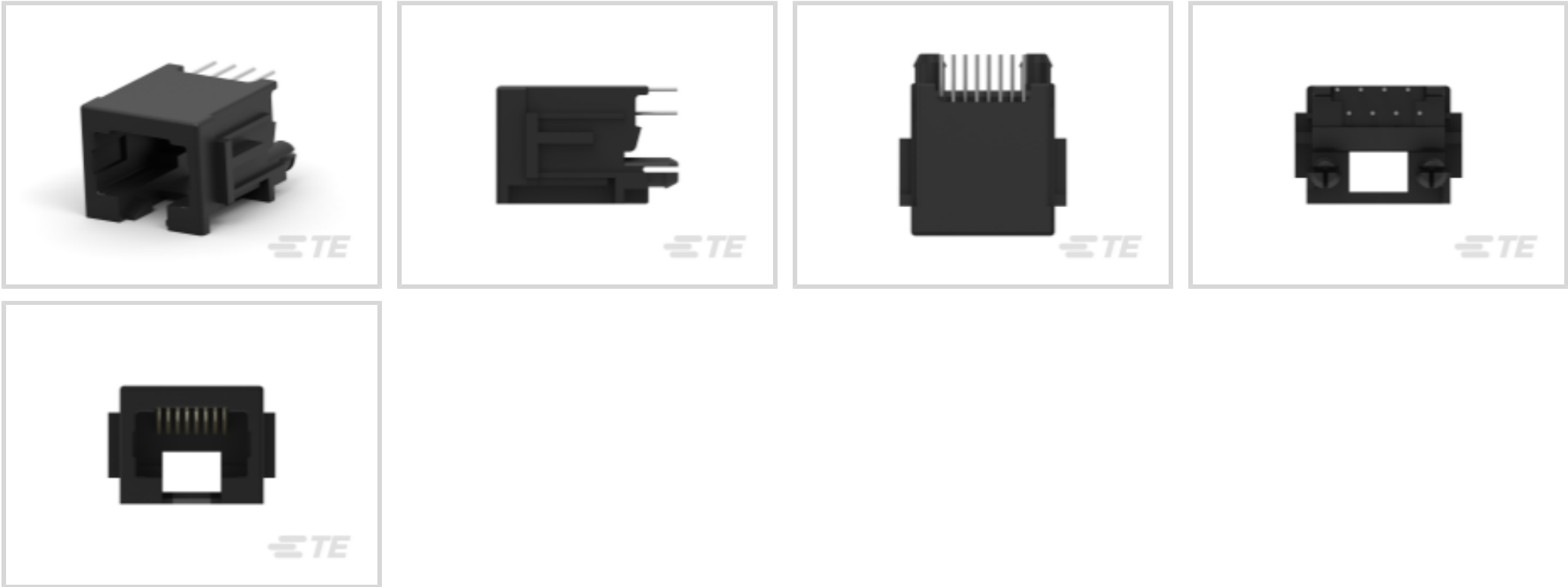


CGS TE

TE Internal #: 216550-2
RJ45 Connector, Single Port, 1 x 1, Jack, Cat 3, Standard - Latch
Down, 8 Position, Standard Profile, Through Hole - Solder, Vertical,
CGS TE

[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 Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	None
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



Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.2 µm[47.24 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.1 mm[.122 in]

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Panel Stops
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	16.4 mm[.646 in]

Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
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Operation/Application

Indicator Type	No Indicator
Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Performance Category	Cat 3
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Packaging Features

Packaging Quantity	800
Packaging Method	Reel

Product Compliance

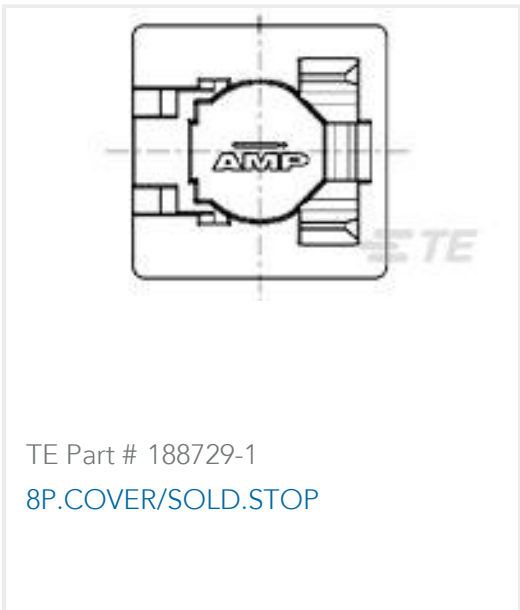
For compliance documentation, visit the product page on TE.com>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

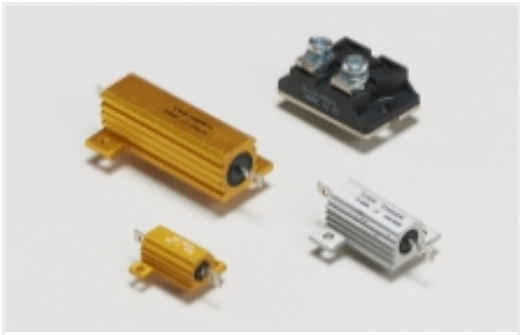
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





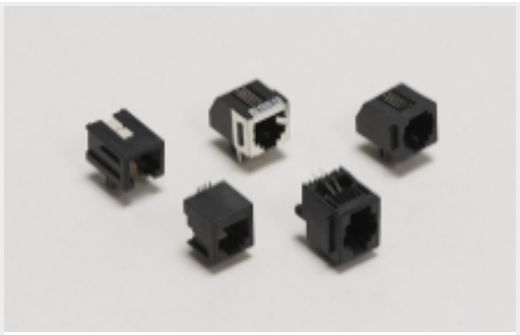
Also in the Series | CGS TE



Chassis Mount Resistors(667)



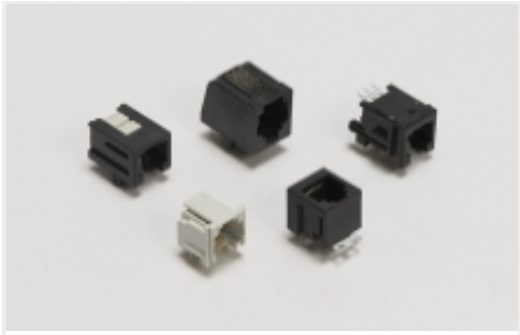
RJ11 Connectors(1)



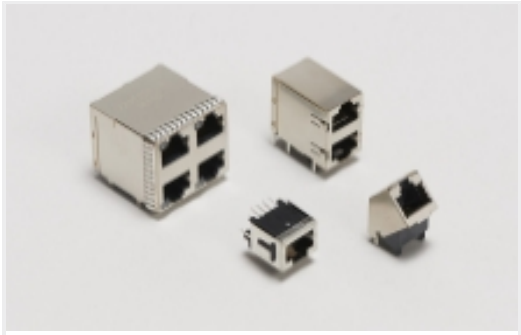
RJ14 Connectors(4)



RJ22 Connectors(2)

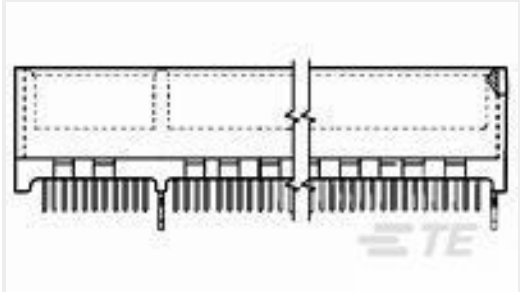


RJ25 Connectors(4)

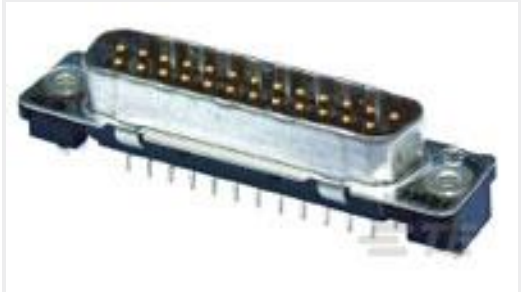


RJ45 Connectors(27)

Customers Also Bought



TE Part #5145167-8
STANDARD EDGE .050 SERIES 60
DUAL ASSY



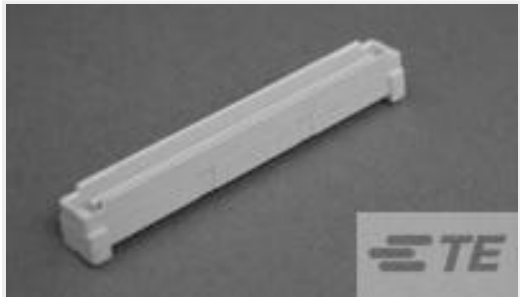
TE Part #5787686-1
37 PLUG SP/FMS (RET SL)



TE Part #5520249-2
MJ,R/A,4P,PNL STOP,TRAY



TE Part #5555162-1
MJ,LPF,R/A,8P,PNL STOPS



TE Part #5179030-4
0.8FH,P07H.5,100,08/Sn,TU



TE Part #776261-1
14POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 1



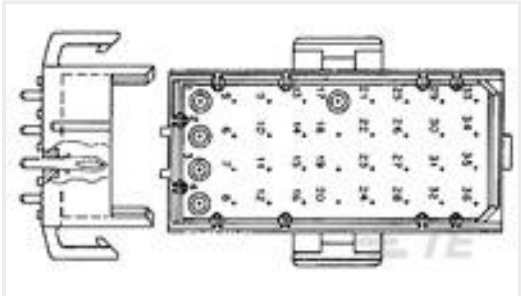
TE Part #5-2176070-6
3521 2K0 1% 2W



TE Part #214782-E
EPSVA KS GDM4 EE 10 3,8 SN *
STROMVERSOR



TE Part #4-1879353-2
RR02 5% 220K AMMO



TE Part #640497-3
02P MR HDR ASSY



Documents

Product Drawings

8/8 PCB MOD.JACK TE

English

CAD Files

Customer View Model

ENG_CVM_CVM_216550-2_K.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_216550-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_216550-2_K.3d_stp.zip

English

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

Product Specifications

Inspection Specification

English