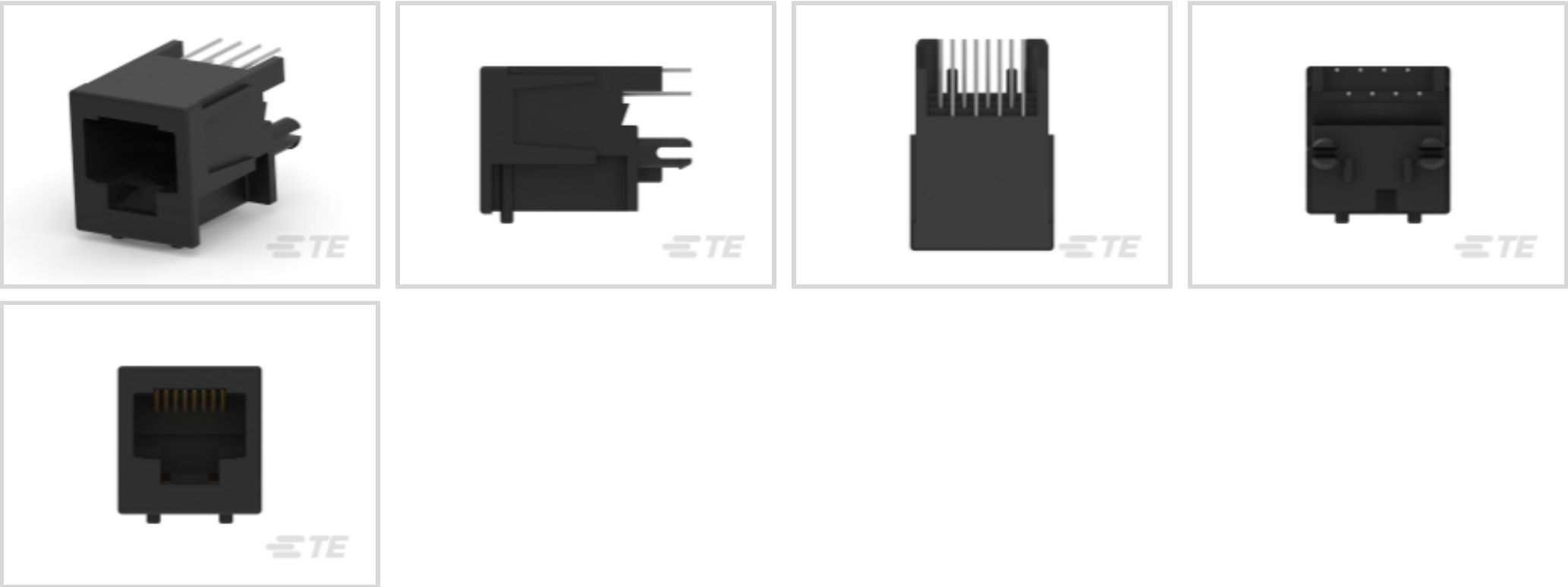




CGS TE

TE Internal #: 338360-1
CGS TE, RJ45 Connectors, RJ45, Single Port, Port Matrix
Configuration 1 x 1, RJ Type Jacks & Plugs, Standard Connector
Contact Density, Jack, Cat 3
[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

Connectors & Connector Components Type	Connector
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
Status Indicator Type	None
Number of Positions	8
Number of Loaded Positions	8



PCB Mount Orientation	Vertical
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Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	High

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
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 - Solder
Termination Post & Tail Length	3.15 mm[.124 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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	19.6 mm[.772 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards



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

Packaging Features

Packaging Quantity	160
Packaging Method	Loose Piece, Tray

Other

Comment	Text molded into top of housing., True positioning of the solder tines may be affected by bulk packaging.
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Product Compliance

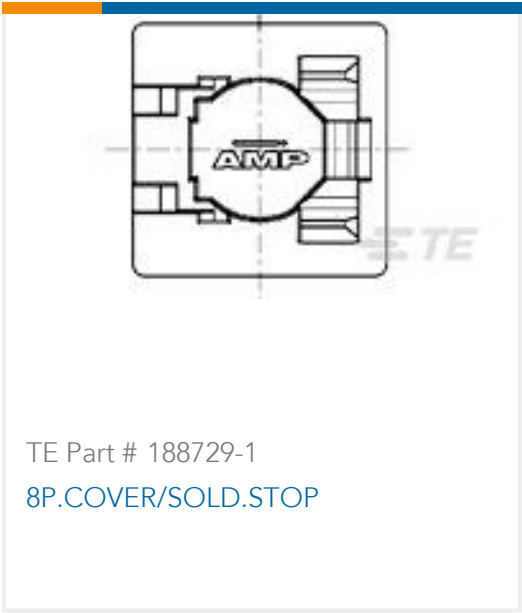
For compliance documentation, visit the product page on TE.com>

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 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 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

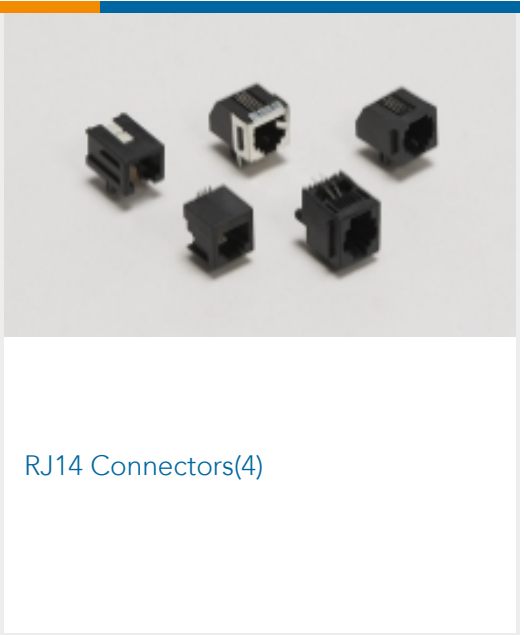
Also in the Series | CGS TE



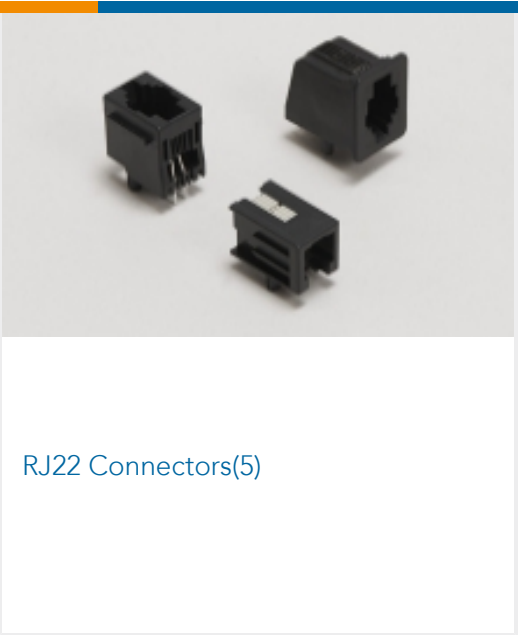
Chassis Mount Resistors(747)



RJ11 Connectors(1)



RJ14 Connectors(4)



RJ22 Connectors(5)



RJ25 Connectors(4)



RJ45 Connectors(30)

Customers Also Bought



TE Part #1-1658043-3
MSB0.80RC-ASY84DP,-,F,VCTY



TE Part #1-1744417-2
12 POS EP 2.5 HSG, GLOW WIRE



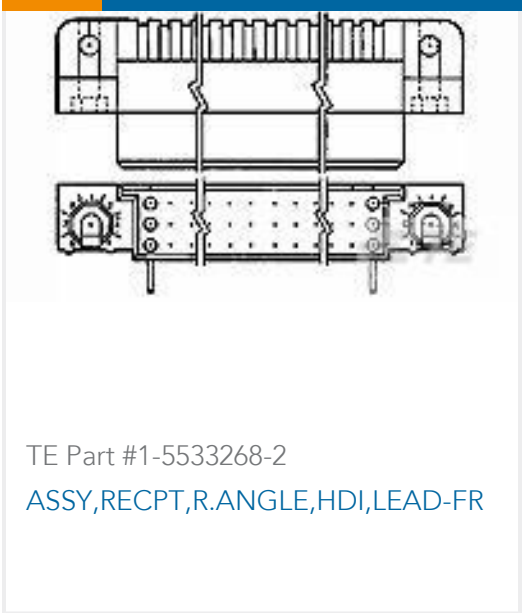
TE Part #1059345-1
4451 5002 36,OSP PANEL PLUG



TE Part #1-2176342-3
CRGCO 0805 100R 5%



TE Part #1-316081-5
DYNAMIC 3200 HDR ASSY



TE Part #1-5533268-2
ASSY,RECPT,R,ANGLE,HDI,LEAD-FR



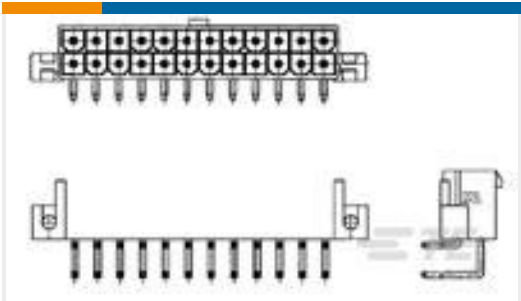
TE Part #DT13-12PB
DEUTSCH DT HEADERS



TE Part #1-776262-1
AMPSEAL HEADERS



TE Part #121397P023
[ES2000-NO.3-B8-0-27MM](#)



TE Part #1-1586044-2
[12P VAL-U-LOK R/A HDR SCRMT V0](#)

Documents

Product Drawings

[8/8 MOD.JACK ASSY TE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_338360-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_338360-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_338360-1_C.3d_stp.zip](#)

English

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