



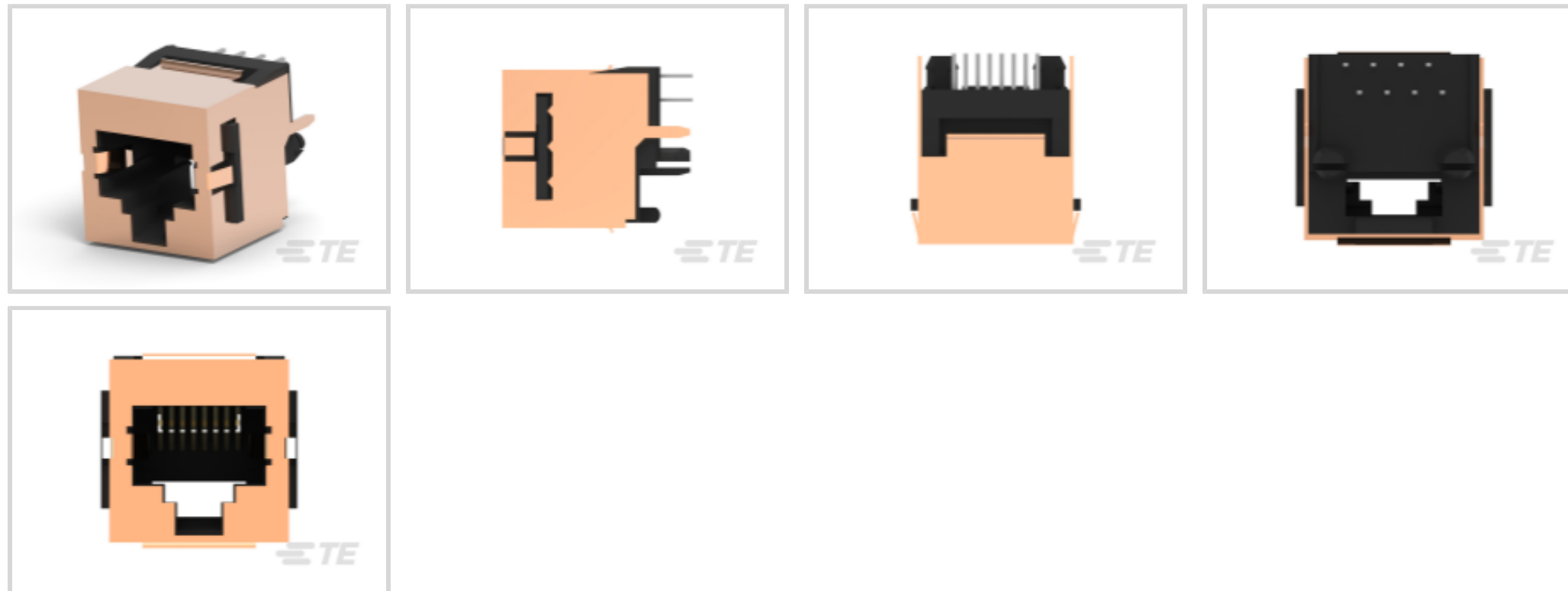
CGS TE

TE Part # 5557730-1

TE Internal #: 5557730-1

[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
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	2
Keyed	Yes
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator	None
Number of Positions	8
Number of Loaded Positions	8

PCB Mount Orientation	Vertical
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Body Features

PCB Ground Tab Location	2.95 mm[.116 in]
Shield Plating Material	Tin
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Connector Product Type	Connector Assembly
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.2 A, 1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 μ m[50 μ in]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
PCB Tail Length	3.18 mm[.125 in]
Connector Height	16.76 mm[.658 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-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 3

Packaging Features

Packaging Quantity	128
Packaging Method	Box & Tray, Package

Product Compliance

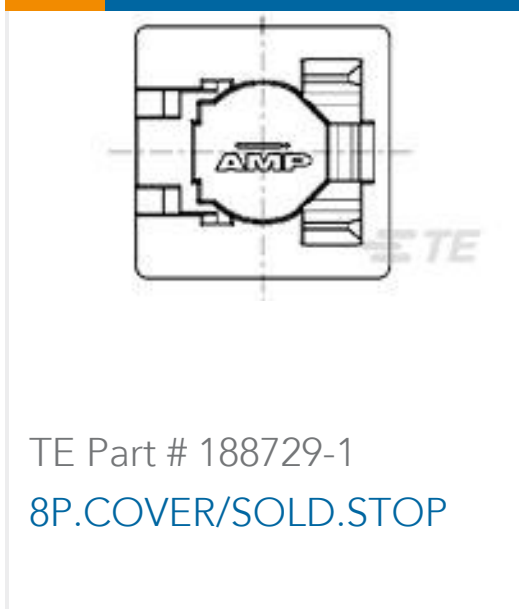
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

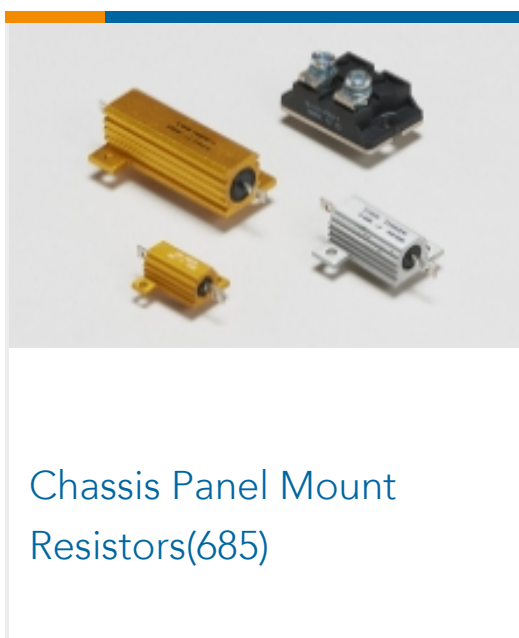
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Panel Mount
Resistors(685)



RJ11 Connectors(1)



RJ14 Connectors(4)



RJ22 Connectors(5)



RJ25 Connectors(4)



RJ45 Connectors(30)

Customers Also Bought



TE Part #1-5747150-4
09 RCPT SP/FMS SCRLK



TE Part #530153-2
TDM SPRING SHUNT
ASSY 2 POS



TE Part #5-146280-2
02 MODII HDR SRST B/A .
100CL



TE Part #5-104363-5
06 MTE HDR SRST LATCH .
100CL



Documents

Product Drawings

[MJ,TE,8P/8C,SHLD,PNL STOPS&G](#)

English

CAD Files

Customer View Model

[ENG_CVM_5557730-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5557730-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5557730-1_B.3d_stp.zip](#)

English

3D PDF

English

Datasheets & Catalog Pages

[82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section](#)

English

[1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance



TE Material Declaration

English