

OEG Miniature Relay PCF TE Internal #: 1888653-3 RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, OEG Miniature Relay PCF

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Connectors > Modular Jacks & Plugs > RJ45 Connectors

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

Port Configuration: Multiple Ports

Port Matrix Configuration: 2x1

Modular Jacks & Plugs Products: RJ Type Jacks & Plugs

Connector Contact Density: Standard

Features

Product Type Features

Connector Product Type	Connector Assembly				
Ground Feature 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					
Status Indicator Type	LED				
Panel Ground Location	Top and Side				
Number of PCB Ground Tabs	4				
Number of Panel Ground Tabs	12				
Multiple Port Configuration	Stacked				
Port Configuration	Multiple Ports				
Port Matrix Configuration	2 x 1				
Connector Contact Density	Standard				
Number of Positions	8				
Number of Loaded Positions	8				
PCB Mount Orientation	Right Angle				
Body Features					



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LED Color (Top Left)	Yellow			
LED Color (Bottom Left)	Yellow			
LED Color (Top Right)	Green			
LED Color (Bottom Right)	Green			
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 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]
Usage Conditions	

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Operation/Application

Shielded	Yes					
Circuit Application	Signal					
Industry Standards						
UL Flammability Rating	UL 94V-0					
Performance Category	Cat 5e					
Packaging Features						
Packaging Quantity	45					
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235)					

2023 (235) Does not contain REACH SVHC

Not Low Halogen - contains Br or Cl > 900 ppm.

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

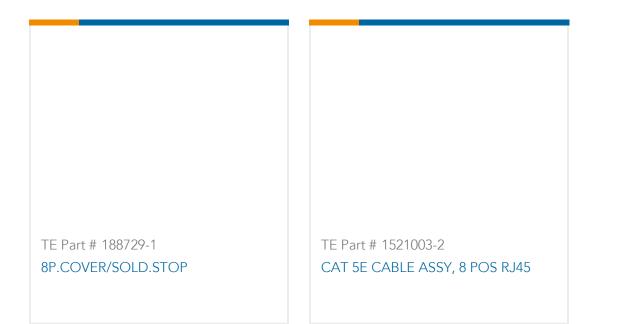
Compatible Parts

Halogen Content

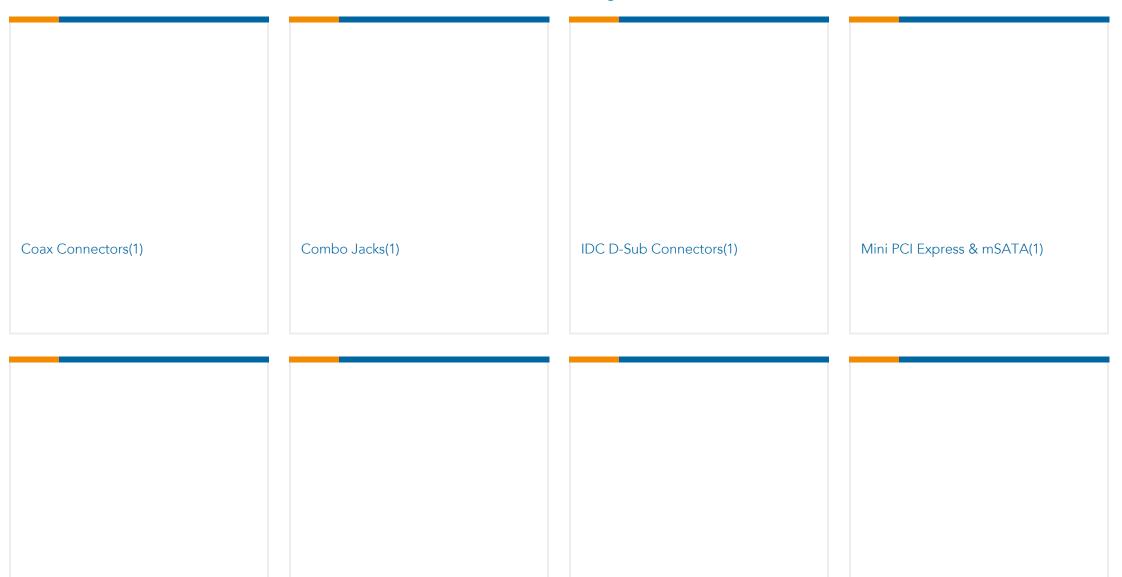
Solder Process Capability

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Also in the Series | OEG Miniature Relay PCF



RJ14 Connectors(2)	RJ22 Connectors(1)	RJ25 Connectors(8)	RJ45 Connectors(69)

Wire-to-Board Connector Contacts(1)

Customers Also Bought

TE Part #1888250-1	TE Part #1-1586038-4	TE Part #2-178316-2	TE Part #6650383-1
Low Profile,RJ45,1x1,GRN/YEL	14P VRT HDR VAL-U-LOK V0	DYNAMIC D3100 HDR ASSY 6P V K/Y	284-0102-11300=CONN,SKT,COMP

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			1	
TE Part #2204145-3 MBXLE R/A RCPT 3ACP + 8P + 26S	TE Part #2358475-1 MBHD R/A REC. 15S+3P+3P+15S FOR 30u'	TE Part #6450530-5 MBXL R/A HDR 2P+24S+2P		TE Part #2024575-2 CISCO 72-5594-01; MBXL TO MICROFIT

TE Part #5-6450860-6 MBXLE VERT RCPT 1P+8S+1P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1888653-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1888653-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1888653-3_C.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 Application Specification

English

Agency Approvals UL Report

English