



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

Panel Ground Location	Top
Number of PCB Ground Tabs	2
Number of Panel Ground Tabs	2
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	Right Angle

Body Features

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Shield Material	Copper Alloy
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

Contact Features

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	.76 µm[30 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.95 mm[.12 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Connector Height	25.8 mm[1.015 in]
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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

Performance Category	Cat 6
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Packaging Features

Packaging Method	Tray
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Product Compliance

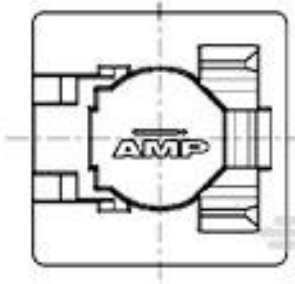
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 260°C

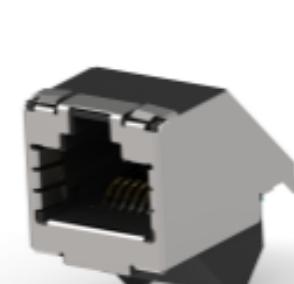
Product Compliance Disclaimer

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



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



TE Part # 2170668-3
ANGLED ENTRY JACK, SHIELDED RJ45



TE Part # 1979823-1
100-580-067, CAT6, BUNDLE, 2

Customers Also Bought





TE Part #2-100103-6
Latch Connector: Strain Relief



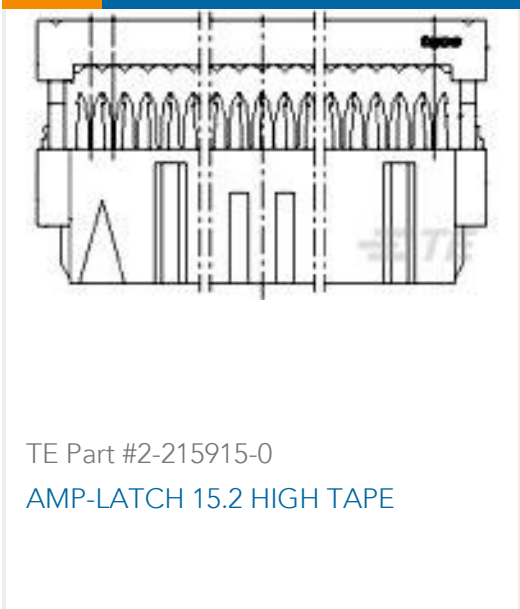
TE Part #2042162-1
Right Angle Male Connector



TE Part #1376164-1
BATTERY HOLDER ML621 ASSY



TE Part #829261-6
HD FEMALE SCREWLOCK



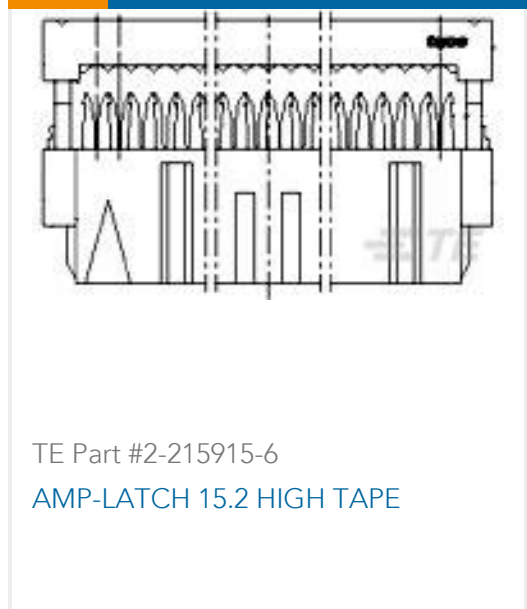
TE Part #2-215915-0
AMP-LATCH 15.2 HIGH TAPE



TE Part #1623562-1
CRG1206 1% 75R



TE Part #103673-1
02 MTE HDR SRRA LATCH W/HLDWN



TE Part #2-215915-6
AMP-LATCH 15.2 HIGH TAPE



TE Part #1982295-1
ELCON MINI 2P RA HEADER, W /CODING



TE Part #1SNA190001R2000
D35/27.FF

Documents

Product Drawings

ANGLED ENTRY JACK, SHIELDED RJ45

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170668-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170668-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170668-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages



1-1773464-9_MODULAR_JACKS_SINGLE_PORT_PCB_MOUNT

English

Product Specifications

PCB MODULAR JACKS FOR Cat. 6 APPLICATIONS.

English

Application Specification

English