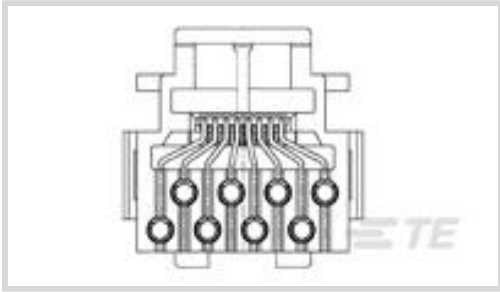




Connectors > Modular Jacks & Plugs > RJ45 Connectors



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
Wire Termination Style	Toolless
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

Configuration Features

Wiring Pattern	One-to-One
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

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard



Contact Features

Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold over Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.25 µm[49.21 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
Termination Method to Printed Circuit Board	Surface Mount
Termination Post & Tail Length	.3 mm[.01 in]

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

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

Dimensions

Connector Height	22 mm[.866 in]
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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-HB
Performance Category	Cat 3

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Product Compliance

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

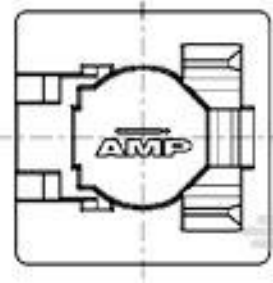


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	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 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

Customers Also Bought



TE Part #1-2199298-4
DIP Socket: Low Profile, Stamped & Formed, Open, Tin



TE Part #1-66107-1
TYPE III CONTACTS LP



TE Part #1-328281-1
PIDG SPADE TONGUE TERMINALS



TE Part #1-1775470-2
AMP HPI 2.0MM HEADERS



TE Part #1-66099-6
III+ PIN,18-16,TIN,SMPACK

TE Part #1-2102061-4
Mezalok, Socket, 114 p, 15 mm, 50 Au, LF

TE Part #1-1939995-3
DYNAMIC 1100 HDR ASSY

TE Part #1-1423675-0
W57-XB7A4A10-20=CKTBKR,THERM,P

TE Part #YDTS24N15-19PNV001
HERM RECP

Documents

Product Drawings

8P. TOOLLESS MOD J.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_216005-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_216005-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_216005-1_F.3d_stp.zip

English

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

Product Specifications

application specification for toolless modular jack

English

Application Specification

English