

1761825-1 ✓ ACTIVE



TE Internal #: 1761825-1

RJ45 Connector, Multiple Ports, 1 x 3, Standard Connector Contact Density, Jack, Shielded, Cat 3, Standard - Latch Down, 8 Position, Standard Profile

[View on TE.com >](#)

Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **1 x 3**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Multiple Ports
Port Matrix Configuration	1 x 3
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle
Multiple Port Configuration	Ganged

Operation/Application



Shielded	Yes
Circuit Application	Signal
Indicator Type	No Indicator

Industry Standards

Performance Category	Cat 3
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Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Termination Features

Termination Method to PCB	Surface Mount
Termination Post & Tail Length	3.56 mm[.14 in]

Housing Features

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

Contact Features

Contact Current Rating (Max)	1.5 A, .2 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]

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Dimensions

Connector Height	13.63 mm[.537 in]
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Packaging Features

Packaging Method	Package, Box & Tray
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 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



Customers Also Bought



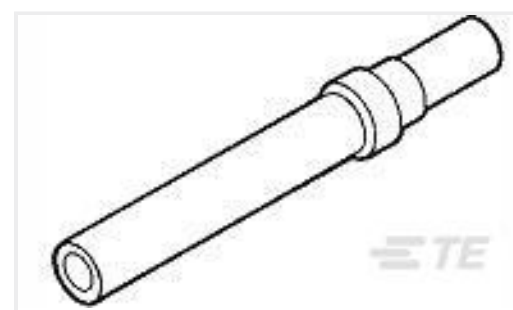
TE Part #1-1630019-3
HSC200 22R 5%



TE Part #3-350944-0
04P UMNL HDR ASSY R/A 94VO



TE Part #1981284-4
SEMI-HARD TRAY DDR2 SODIMM 9.2
H STD AMC



TE Part #205090-2
SKT CONT ASSY,SZ 20,AMPLIMITE



TE Part #866883-000
SGRT-2-04



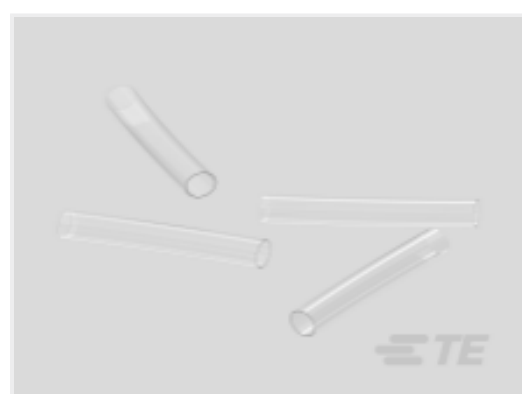
TE Part #1SNA115201R2500
M6/9.EE



TE Part #2311771-1
AMPL REC, HD22, R/A, 62P,
THREADED



TE Part #CG3620-000
CI-2RL750



TE Part #NB26572001
TFER-1/4-X-STK

Documents

Product Drawings

[MJ,R/A,1X3,8P,SHLD,PCB PNL GNDS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1761825-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1761825-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1761825-1_B.3d_stp.zip](#)

English

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Product Specifications

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Application Specification

English