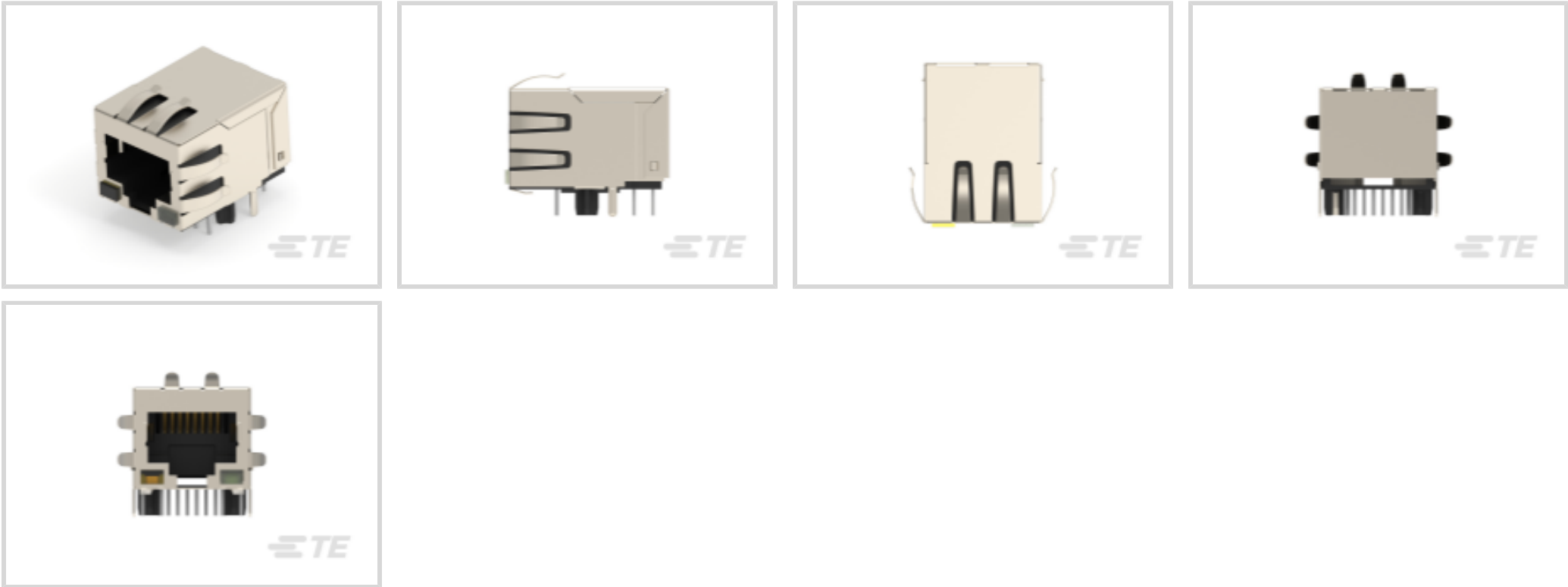


TE Internal #: 203199-E
RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Standard - Latch
Down, 8 Position, Standard Profile, Through Hole - Solder, Right
Angle

[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

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	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle



Signal Characteristics

Data Rate	.01 Gb/s, .1 Gb/s
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Body Features

LED Color (Bottom Left)	Green
LED Color (Bottom Right)	Yellow
Shield Plating Material	Nickel
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.05 mm[.12 in]

Mechanical Attachment

PCB Mount Retention Type	Location Peg
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester GF

Dimensions

Connector Height	13.63 mm[.537 in]
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Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]
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Operation/Application

Indicator Type	LED
Shielded	Yes
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

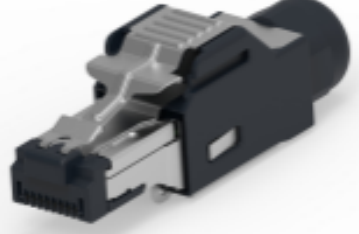




TE Part # 2383216-1
RJ45 FIELD INSTALLABLE CABLE
CONN.



TE Part # 1554260-1
DUST CAP



TE Part # 1987328-1
RJ45 COMMON CORE, 4x2 POS.



TE Part # 2120892-1
RJ45 CONNECTOR CAT6A, IP20 PLUG

Customers Also Bought



TE Part #154763-E
SMCB 12 M AB VV 7-03 CL * 0007 137
E004



TE Part #2-1445088-6
MICRO MNL HDR ASSY S/ROW AU LF



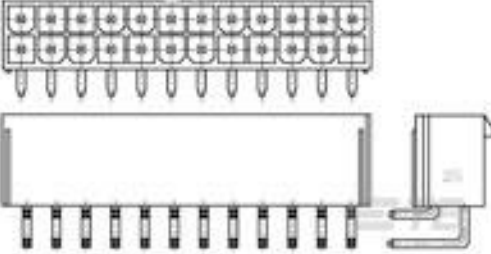
TE Part #2-1445097-4
MICRO MNL HDR ASSY S/ROW AU LF



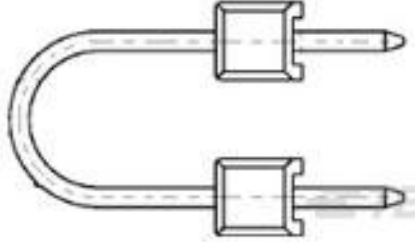
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MICRO MNL HDR ASSY S/ROW AU LF



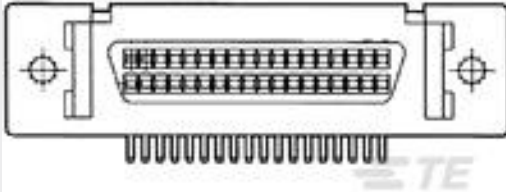
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MICRO MNL HDR ASSY S/ROW LF



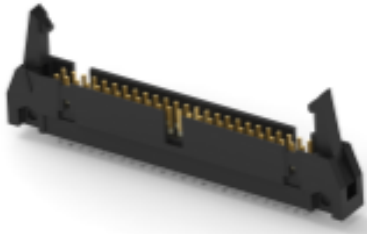
TE Part #1-1586863-0
10P VAL-U-LOK R/A HDR GW



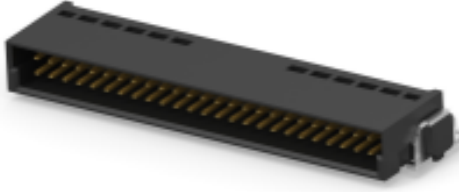
TE Part #9-1740617-9
AMP MODU II SOLDER STRAP 25POS



TE Part #5174726-4
WTOB 50P SHIELD CONN



TE Part #8-5102321-0
A/L UNIV HDR 50P VERT SPECIAL LAT



TE Part #054596-E
SMCB 50 M AB VV 3-03 CLHD * 0007
137 E00

Documents

Product Drawings

MJIM IM 1X1 S 88 GF5 X R THRU * L2A M3D0

English

CAD Files

Customer View Model

ENG_CVM_CVM_203199-E_1.3d_igs.zip

English

Customer View Model



[ENG_CVM_CVM_203199-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_203199-E_1.2d_dxf.zip](#)

English

3D PDF

3D

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

Product Specifications

Application Specification

English