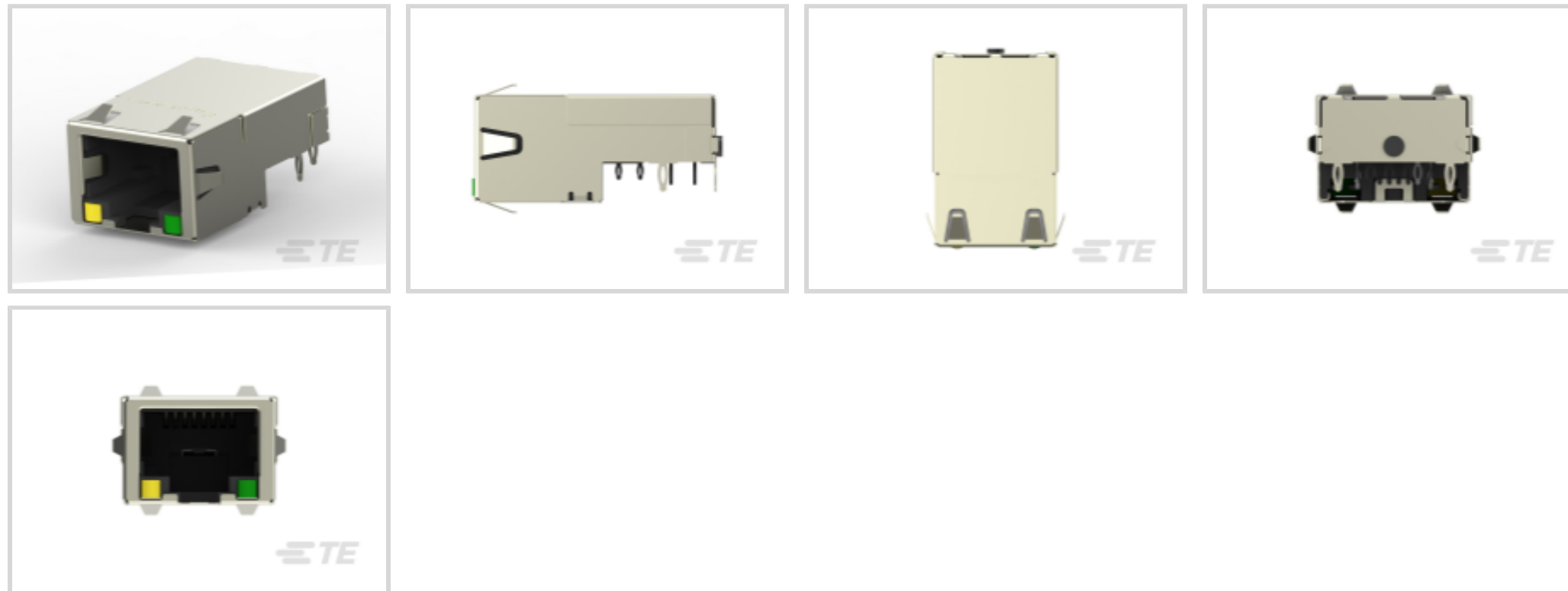




TE Internal #: 1888250-2
 RJ45 Connectors, RJ45, Single Port, Port Matrix Configuration 1 x 1,
 RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack,
 Shielded, Cat 5

[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

Connectors & Connector Components Type	Connector
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	4
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator Type	LED
Number of Positions	8
Number of Loaded Positions	8



PCB Mount Orientation	Right Angle
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Body Features

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

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.02 A, .6 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]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	2.29 mm[.091 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	Thermoplastic

Dimensions

PCB Thickness (Recommended)	1.6 mm
Connector Height	4.2 mm[.165 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application



Shielded	Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Performance Category	Cat 5
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Packaging Features

Packaging Quantity	40
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Packaging Method	Box & Tray, Tray
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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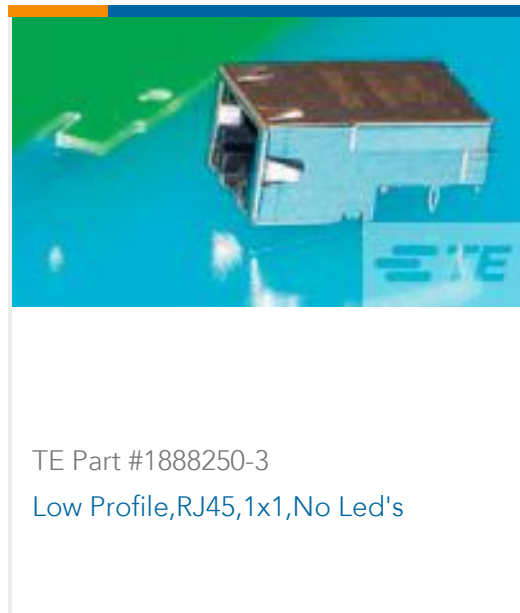
Product Compliance Disclaimer

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



Documents

Product Drawings

[Low Profile RJ45,1x1,Bi-color](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1888250-2_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1888250-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1888250-2_B.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

[1-1773464-9_MODULAR JACKS_SINGLE_PORT_PCB_MOUNT](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_1888250-2_05222018853_dmtec](#)

English

[MD_1888250-2_05222018853_dmtec](#)

English

Agency Approvals

[UL Report](#)

English