

Low Profile RJ45,1x1,Bi-color

✓ ACTIVE

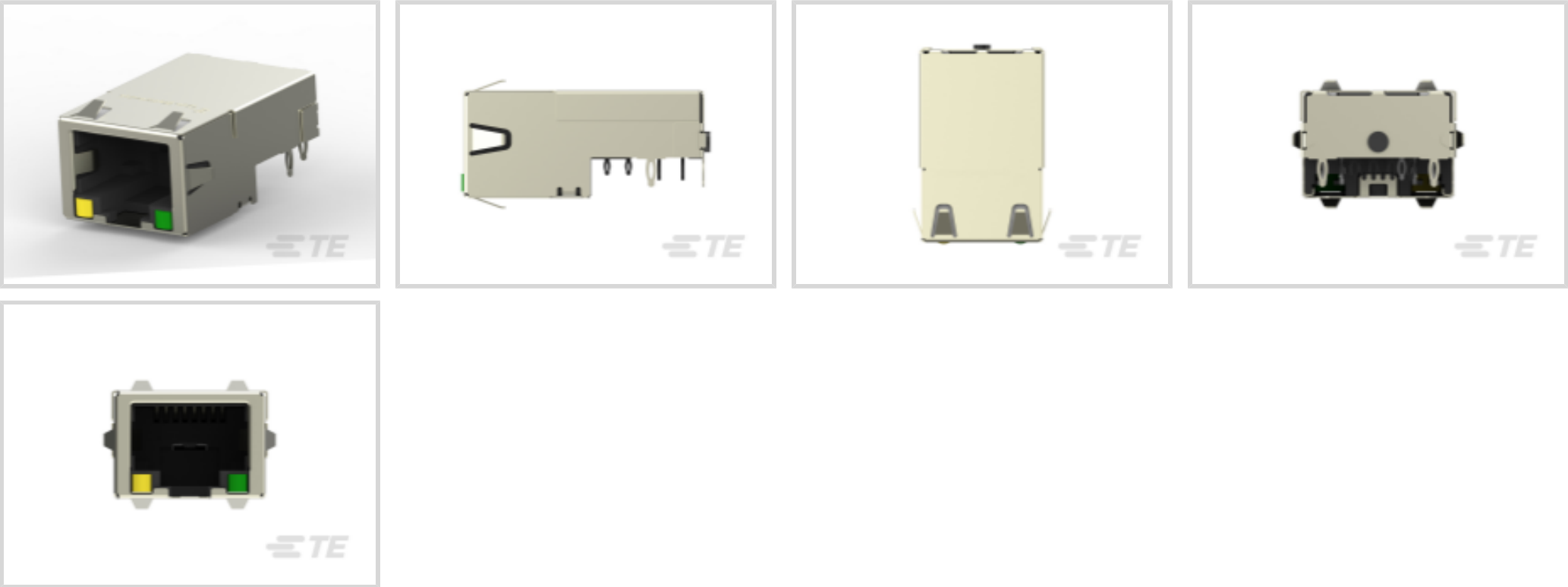
TE Part # 1888250-2

TE Internal #: 1888250-2

[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
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
Keyed	No
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Status Indicator	LED
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle



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

Connector Product Type	Connector Assembly
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 μm[50 μin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount, Panel

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
PCB Tail Length	2.29 mm[.091 in]
Connector Height	4.2 mm[.165 in]

Usage Conditions

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



Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	40
Packaging Method	Box & Tray, Tray

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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

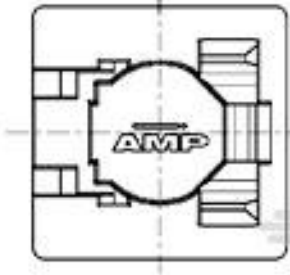
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Low Profile RJ45,1x1,Bi-color

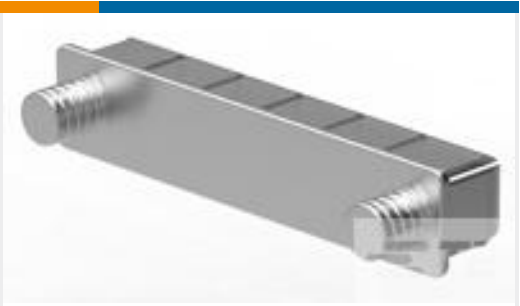
TE Part # 1888250-2  
TE Internal #: 1888250-2






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


Customers Also Bought




TE Part #2149151-1  
EMI/Dust Cover, CFP




TE Part #1-1469372-1  
ATCA GUIDE MODULE  
RA MALE




TE Part #6469081-1  
HMZD 3PR, RECEPTACLE  
ASSEMBLY




TE Part #1888250-3  
Low Profile,RJ45,1x1,No  
Led's




TE Part #5223986-1  
UPM KEYED GUIDE  
MODULE




TE Part #2007198-2  
SFP+ 1x1 Cage Assembly,  
Press-Fit




TE Part #2007132-1  
SFP+ 1X4 Cage Assembly,  
Press-



TE Part #5120677-1  
Z-PACK HS3 HDR ASSY 6R  
30P RH



TE Part #1888653-4  
2X1 OFFSET ST/JK WITH  
LEDS



TE Part #1-6368011-1  
STK JK,2X1,SHLD,G/Y BI-  
CLR LED

Documents

Product Drawings

Low Profile RJ45,1x1,Bi-color

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1888250-2\_B.2d\_dxf.zip

English

3D PDF



3D

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

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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

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Product Specifications

[Application Specification](#)

English

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Product Environmental Compliance

[MD\\_1888250-2\\_05222018853\\_dmtec](#)

English

[MD\\_1888250-2\\_05222018853\\_dmtec](#)

English

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Agency Approvals

[UL Report](#)

English