

# ETHRNT RJ-45 BLKHD PASSTHRU12"

✓ ACTIVE

## Industrial RJ45 Variant 3

TE Part # 1546414-4

TE Internal #: 1546414-4

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > Circular RJ45 Connectors



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

Connector Contact Density: **Standard**

Modular Connector Style: **Receptacle**

Shielded: **No**

Performance Category: **Cat 5e**

## Features

### Product Type Features

Connectors & Connector Components Type	Connector
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Connector Contact Density	Standard
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### Body Features

Seal Material	Nitrile Rubber
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### Mechanical Attachment

Screw & Hole Thread Size	1-14 UNC
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### Housing Features

Connector Shape	Circular
Housing Material	Acrylonitrile-Butadiene-Styrene

### Dimensions

Wire Size	.14 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
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### Operation/Application

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Shielded	No
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**Industry Standards**

Performance Category	Cat 5e
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**Packaging Features**

Packaging Method	Package
Packaging Quantity	1

**Other**

Comment	RJ45 bulkhead pass through w/patch cord, check drawing.
Additional Features	Category 5 Cable

**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 2019 (197)
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.

**Also in the Series | Industrial RJ45 Variant 3**



Circular RJ45 Connectors(8)



Modular Jack & Plug Caps & Covers(3)



Modular Jack Filters(1)



Modular Twisted Pair Cable Assemblies(4)

## Customers Also Bought



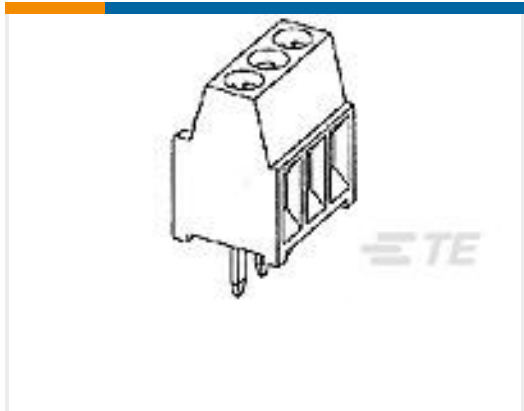
TE Part #1-1546406-1  
ETHERNET CLOSURE CAP  
RECPT W/LANYRD



TE Part #1546413-3  
ETHERNET RJ-45 BLKHD  
PASSTHRU



TE Part #1546440-1  
ETHERNET FIELD  
ATTACHABL CONN



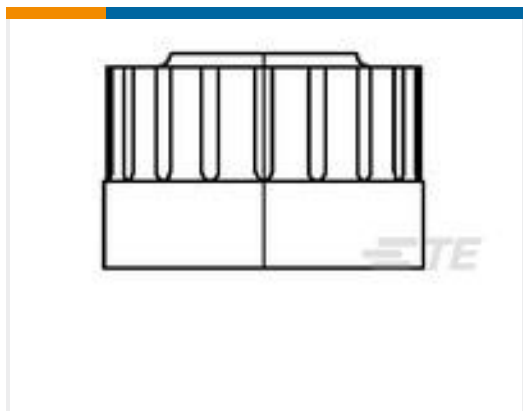
TE Part #1-282834-0  
TERMI-BLOK PCB  
MOUNT, 90 10P.



TE Part #5227726-2  
ISOLATED BNC SOLDER  
JACK ASSY



TE Part #1757820-2  
AMPLIMITE,ASY,RCPT,  
STD,109,ZN,2



TE Part #1-1546407-1  
ETHERNET CLOSURE CAP  
IP65,W/O LANYARD



TE Part #5227726-1  
ISOLATED BNC SOLDER  
JACK ASSY



TE Part #1546306-8  
8P .374" DR BARRIER  
STRIP



TE Part #227755-1  
BNC SOLDER RECEPT  
JACK SHORT

## Documents

### Product Drawings

[ETHRNT RJ-45 BLKHD PASSTHRU12"](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1546414-4\\_E\\_c-1546414-4-e.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1546414-4\\_E\\_c-1546414-4-e.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1546414-4\\_E\\_c-1546414-4-e.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[INDUSTRIAL\\_ETHERNET\\_PRODUCTS](#)

English