



Industrial RJ45 Variant 1

TE Internal #: 1776900-1

Industrial RJ45 Variant 1, RJ45 Connectors, Circular RJ45, Single Port, RJ Type Jacks & Plugs, Standard Connector Contact Density, Receptacle, Cat 5e

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Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Single Port**

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

Connector Contact Density: **Standard**

Modular Connector Style: **Receptacle**

Features

Product Type Features

Connectors & Connector Components Type	Connector
Modular Jack & Plug Interface Type	Circular RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Receptacle
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Wiring Pattern	RJ45
Port Configuration	Single Port
Connector Contact Density	Standard
Status Indicator Type	None
Number of Positions	8
Number of Loaded Positions	8

Body Features

Modular Jack Latch Orientation	Inverted - Latch Up
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
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Housing Features

Housing Color	Black
Housing Material	Polyester

Operation/Application

Shielded	No
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Industry Standards

Performance Category	Cat 5e
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Coupling Nut Base Material	Brass
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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>

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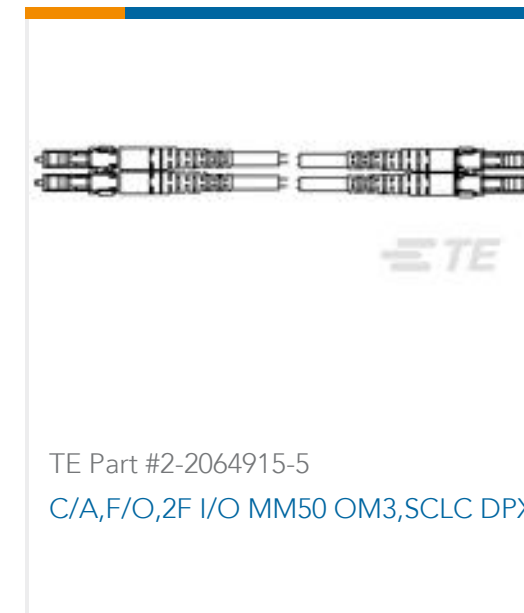
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DPX, 8M



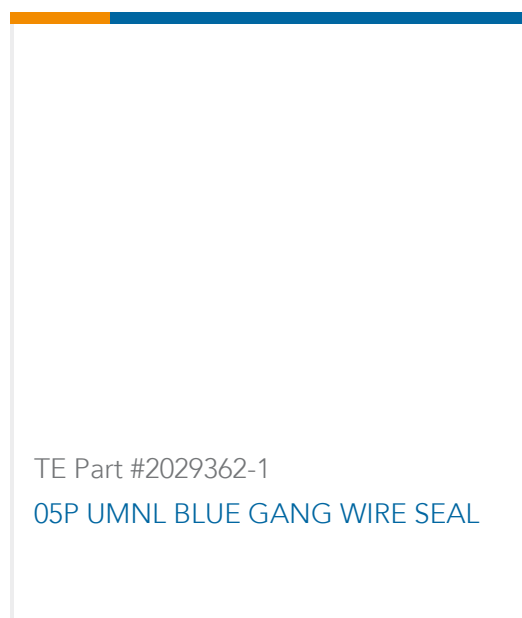
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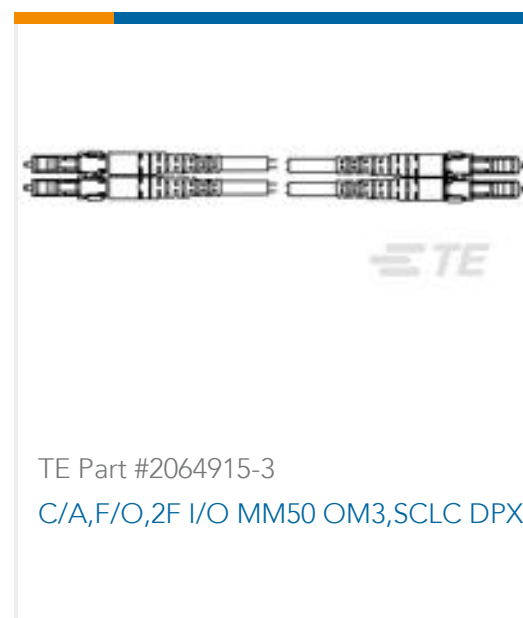
TE Part #2029002-1
09P UMNL HDR ASSY PC, NDH



TE Part #2-2064915-5
C/A,F/O,2F I/O MM50 OM3,SCLC DPX



TE Part #2029362-1
05P UMNL BLUE GANG WIRE SEAL



TE Part #2064915-3
C/A,F/O,2F I/O MM50 OM3,SCLC DPX



TE Part #5-2029002-1
09P UMNL HDR ASSY PC, NDH



TE Part #650473-3
096 EURO TYPE C PIN ST ASSY

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1776900-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1776900-1_A.3d_igs.zip](#)

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Customer View Model



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Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

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