chanhvinh.com

TAD14841311-001 ✔ ACTIVE

TE Internal #: TAD14841311-001

M8/M12 Cable Assemblies, Industrial Ethernet, SERCOS III, 4 Positions, D M8/M12 Cable Assembly Keying, Plug/Plug, M12 to M12, Straight-Right Angle

View on TE.com >

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Ethernet, Sercos-III M12-D 4p PVC Red DE







M8/M12 Application Type: **Industrial Ethernet**

Number of M8/M12 Cable Assembly Positions: **4**

Industrial Protocols: **SERCOS III**

M8/M12 Cable Assembly Keying: **D**

M8/M12 Cable Assembly Connector Type: **Plug/Plug**

All Ethernet, Sercos-III M12-D 4p PVC Red DE (18)

Features

Product Type Features

LED	Without
Product Type	Cable Assembly
Cable Type	PVC
Assembly Type	Overmolded
M8/M12 Cable Assembly Connector Type	Plug/Plug
M8/M12 Cable Assembly Type	M12 to M12
M8/M12 Cable Assembly Shielded	Yes

Configuration Features

Number of Strands	7
Number of M8/M12 Cable Assembly Positions	4
M8/M12 Cable Assembly Keying	D
M8/M12 Cable Assembly Configuration	Double Ended

Electrical Characteristics

chanhvinh.com

TAD14841311-001

M8/M12 Cable Assemblies, Industrial Ethernet, SERCOS III, 4 Positions, D M8/M12 Cable Assembly Keying, Plug/Plug, M12 to M12, Straight-Right Angle

Operating Voltage	250 VDC

Body Features

Environmental Protection	IP67
Conductor Material	Tinned Copper
Connector Color	Black
Wire Color	Yellow-Orange-White-Blue
Insulation Material	PVC
Cable Jacket Color	Red

Contact Features

Contact Current Rating	4 A

Mechanical Attachment

M8/M12 Cable Assembly Mounting Angle	Straight-Right Angle

Housing Features

M8/M12 Cable Assembly Housing Material	PA66+25GF

Dimensions

Overall Outside Cable Diameter	6.5 mm
Wire Size	22 AWG
Cable Assembly Length	500 mm

Operation/Application

M8/M12 Application Type	Industrial Ethernet

Industry Standards

Industrial Protocols	SERCOS III

Packaging Features

Packaging Method	Bag
Packaging Quantity	5

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

chanhvinh.com

	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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 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 # CAT-C73765-M1H
M12 Panel Mount PCB

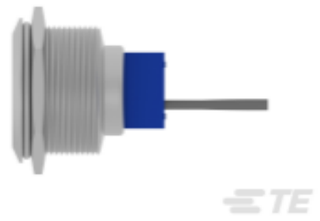
Customers Also Bought



TE Part #1-2273047-4
M12 A-CODE FEMALE STRAIGHT PIGTAIL



TE Part #1-2273101-4
M12 A-CODE FEMALE R/A PIGTAIL



TE Part #2317655-2
AV25 SPL 3A NO LED FL



TE Part #T4171110502-001
M12 Panel Mount Wire

chanhvinh.com

TAD14841311-001

M8/M12 Cable Assemblies, Industrial Ethernet, SERCOS III, 4 Positions, D M8/M12 Cable Assembly Keying, Plug/Plug, M12 to M12, Straight-Right Angle



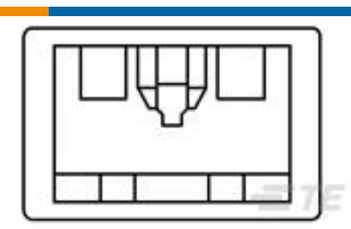
TE Part #TAA753A5501-040
Fieldbus, DeviceNet M12 A-Code 5p PUR



TE Part #2325098-4
MNTG CLIP,ENETSEAL PLUS



TE Part #4-603225-0
AMP-TY HD BLK TY2HDB



TE Part #1-1318954-1
PL EXII 250 REC HSG 1P NYLON NAT



TE Part #5414265-3
PLUG, TWIST ON, COML BNC

Documents

Product Drawings

M12D4-MS-MR-PVC TYPE B RED-0.5M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAD14841311-001_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAD14841311-001_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAD14841311-001_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8/M12 Cable Assemblies Brochure

English

Product Specifications

Application Specification

English

chanhvinh.com

TAD14841311-001

M8/M12 Cable Assemblies, Industrial Ethernet, SERCOS III, 4 Positions, D M8/M12 Cable Assembly Keying, Plug/Plug, M12 to M12, Straight-Right Angle

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

chanhvinh.com