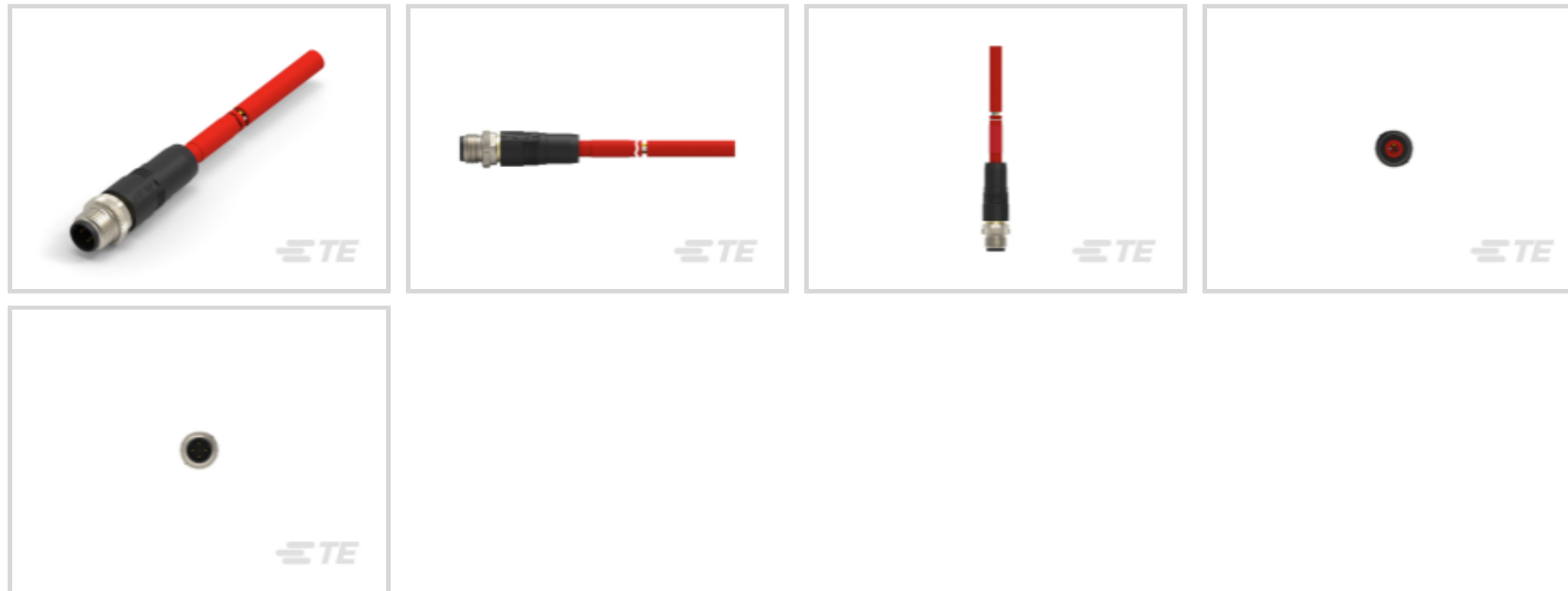# TAD14141311-001 ✔ ACTIVE

TE Internal #: TAD14141311-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet,
SERCOS III, Code D, M12 Plug, Shielded, Single Ended,
PA66+25GF

View on TE.com >

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

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

Industrial Protocols: **SERCOS III**

Number of Positions: **4**

Connector & Keying Code: **D**

Connector Type (End A):   **M12 Plug**

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

Features

Product Type Features

Connector Type (End A)	M12 Plug
Cable Assembly Type	M12 Pigtail

Configuration Features

Number of Strands	7
Number of Positions	4

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Cable Color	Red
Connector Color (End A)	Black
Jacket Material	PVC
Wire Color (Base)	Yellow-Orange-White-Blue
Conductor Material	Tinned Copper

TAD14141311-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet, SERCOS III, Code D, M12 Plug, Shielded, Single Ended, PA66+25GF

Connector & Keying Code	D

Contact Features

Contact Current Rating (Max)	4 A

Mechanical Attachment

Connector Orientation (End A)	Straight

Housing Features

Housing Material	PA66+25GF

Dimensions

Outside Cable Diameter	6.5 mm
Wire Size	22 AWG

Operation/Application

M8/M12 Application Type	Industrial Ethernet
Shielded	Yes

Industry Standards

IP Rating	IP67
Industrial Protocols	SERCOS III

Packaging Features

Packaging Quantity	5
Packaging Method	Bag

Other

Cable Assembly Length	.5 m
Cable Assembly Configuration	Single Ended

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	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold:

TAD14141311-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet, SERCOS III, Code D, M12 Plug, Shielded, Single Ended, PA66+25GF

Pb (1.9% in Component)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # T4143512041-000
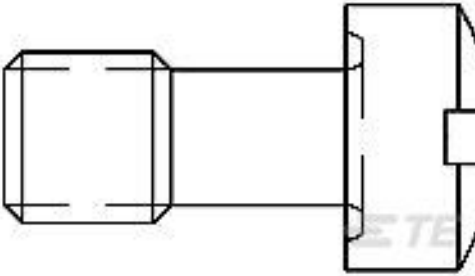
M12,FRONT MOUNTING,FEMALE,D CODE,4P

Customers Also Bought

TE Part #206038-4

CPC RECPT ASSEMBLY SIZE 17-28

TE Part #2333393-3

QSFP 25GIG 30AWG 1 METER

TE Part #5746879-1

HDF FILLISTER HEAD SCREW

TE Part #6-1625890-6

2W SM M/OX 5% 68R

TAD14141311-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet, SERCOS III, Code
D, M12 Plug, Shielded, Single Ended, PA66+25GF

TE Part #1393365-2
V23540X7000Y 22=GET-FEM TERM A

TE Part #2-1703930-1
NANOMQS, RECEPTACLE TERMINAL

TE Part #2208338-1
6POS,NANOMQS,REC HSG,CODA

TE Part #NB07402001
HTAT-12/3-0-STK

TE Part #2035170-2
CONTACT,FEMALE, 0.64, 18AWG,CU

TE Part #4-2170705-2
CAGE ASSY, QSFP28 1X1, SPRING,
HS, LP

Documents

Product Drawings

M12D4-MS-PVC TYPE B RED-0.5M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAD14141311-001_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAD14141311-001_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAD14141311-001_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 Connector System Catalog

Japanese

M8/M12 Cable Assemblies Brochure

English

Product Specifications

TAD14141311-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet, SERCOS III, Code D, M12 Plug, Shielded, Single Ended, PA66+25GF

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English