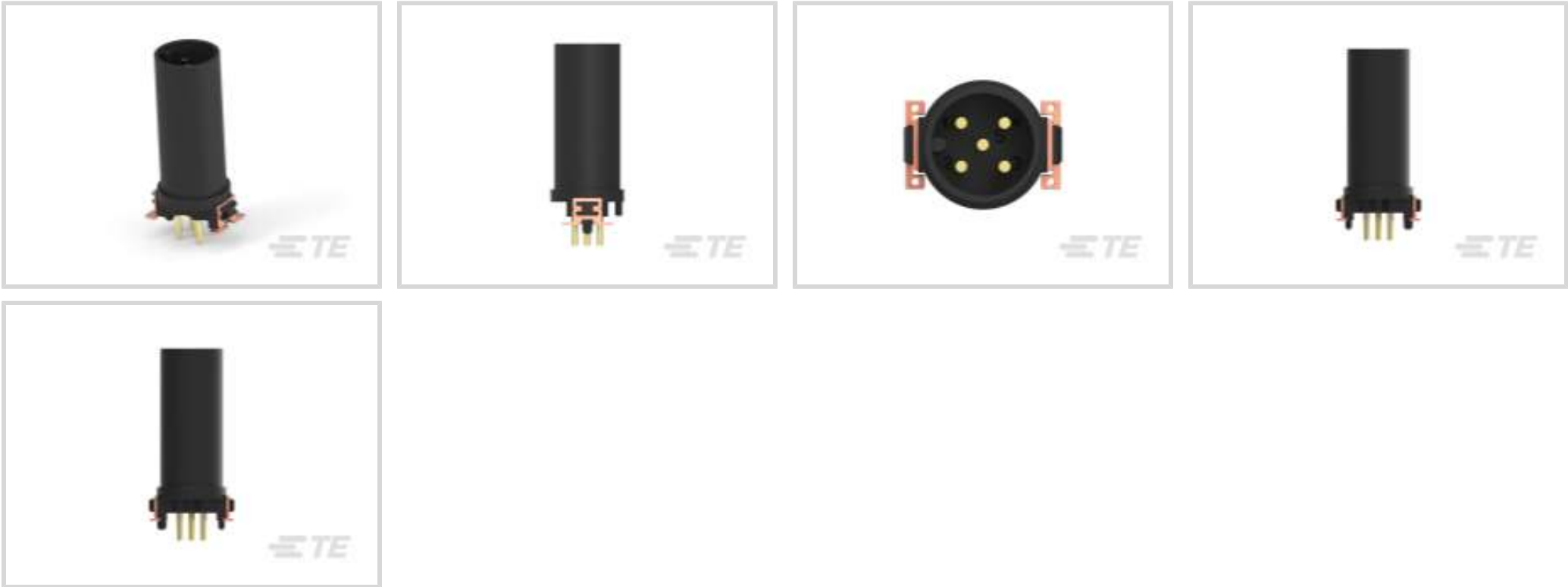




Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Board**
Connector Mounting Type: **Board Mount**
Number of Positions: **5**
Sealable: **Yes**
Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Circular Connector Plug

Configuration Features

Number of Positions	5
Contacts Preloaded	Yes

Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Polarization Code	A
Mating Alignment Type	Polarization
Mating Retention	Without

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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Operation/Application

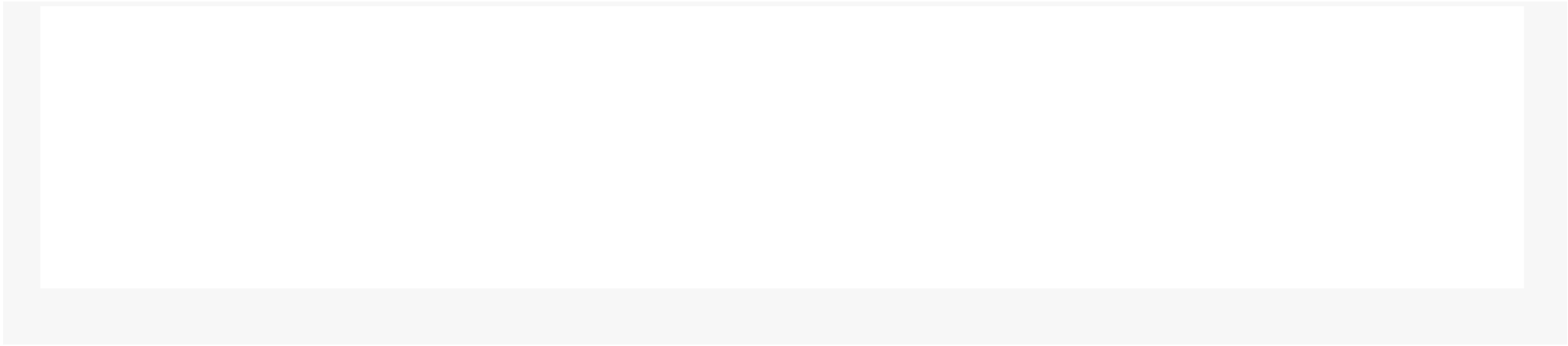
Circuit Application	Power, Signal & High Speed Data
Shielded	No

Product Compliance

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.5%) 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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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



Compatible Parts

TE Part # 394863-E
M12 METAL SHELL, MALE, VERT,
13MM, D9.55

TE Part # T4110012051-000
M12 F, 5P GOLD A_CODE S
SHIELDED PG9

TE Part # 284377-E
M12 METAL SHELL, MALE, VERT,
13MM, D8.35

TE Part # 374342-E
MRDBG M12 M * * * * * J 2 374342
ABDE

TE Part # T4161320005-001
RPC-M12-FS-5CON-PUR-0.5SH

TE Part # T4112012051-000
M12 F, 5P GOLD A_CODE RA
SHIELDED PG9

Also in the Series | M12 Connector

Connector Hardware(11)

Connector Seals & Cavity Plugs(4)

Standard Circular Connectors(633)

Customers Also Bought

TE Part #464834-E
M12 MALE, A CODE, 5P, 17MM THR

TE Part #166642-000
D-SCE-1K-6.4-50-6

TE Part #214357-E
MSPPM 5 M SMD M1 * A V 137 094 *
E008 J

TE Part #494081-E
M12 FEMALE, A CODE, 5P, 17MM THR



TE Part #225267-E

M12 MALE, UNI CODE,RA, 4P THR

REAR MOUNT

TE Part #494145-E

M12 FEMALE, A CODE, 5P, 17MM THR

TE Part #929674-1

DECKEL F 55P GEH

TE Part #2301994-8

RJ45 JACK INT. MAG. 10/100 LED 1X1

INV.

TE Part #2480557-2

Triax BNC M to M Belden 9222 50

Ohm 36"

TE Part #368383-1

40P REC HSG ASSY() BLK

Documents

Product Drawings

M12 MALE, A CODE, 5P, 17MM THR

English

CAD Files

Customer View Model

ENG_CVM_CVM_484118-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_484118-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_484118-E_1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ERNI M8M12 Circular Connectors

English

ERNI M8M12 Circular Connectors

German

Product Specifications

Application Specification

English



Agency Approvals

UL

English