



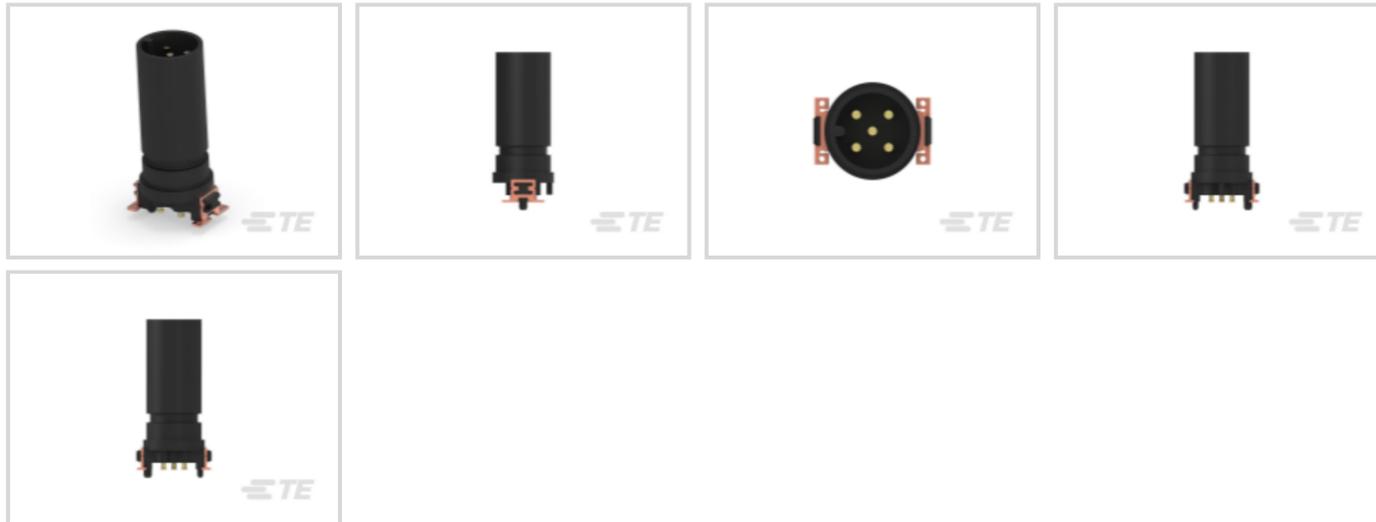
ERNI | M12 Connector

TE Internal #: 364767-E

5 Position Circular Connector, Cable-to-Board, Printed Circuit Board, Power, Signal & High Speed Data, Board Mount, A Code, M12 Connector

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Board**

Connector Mounting Type: **Board Mount**

Number of Positions: **5**

Sealable: **No**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Plug
Shell Type	Plastic

Configuration Features

Number of Positions	5
Contacts Preloaded	Yes

Contact Features

Contact Current Rating (Max)	4 A
Circular Connector Contact Type	Pin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

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

Dimensions

Assembly Length	25.4 mm[1 in]
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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

[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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2.9% in Component Part) 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

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 # 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
MRDBGR 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)

M8/M12 Cable Assemblies(230)

Standard Circular Connectors(792)

Customers Also Bought

TE Part #20024250-50
MS5607-12BA INDUS AL PADS WITH
GEL T&R

TE Part #474331-E
M12 MALE, UNI CODE, 5P, 10.5MM
SMT, DI

TE Part #234040-E
M12 FEMALE, D CODE, 4P, 17MM
SMT

TE Part #494981-E
M12 MALE, UNI CODE, 5P, 10.5MM
SMT, DI



TE Part #6162-229-1677
COAX PIN ASSY



TE Part #234041-E
M12 FEMALE, D CODE, 4P, 17MM
SMT



TE Part #1761606-3
IDC LOW PRO HDR 10P VERT LAT BLK



TE Part #1761606-7
IDC LOW PRO HDR 20P VERT LAT BLK



TE Part #1-1761606-5
IDC LOW PRO HDR 50P VERT LA



TE Part #1825360-3
ADE04A04=4POS DIP SWITCH

Documents

Product Drawings

[M12 MALE, A CODE, 5P, 17MM SMT](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_364767-E_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_364767-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_364767-E_1.2d_dxf.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