

364767-E ✓ ACTIVE

ERNI | M12 Connector

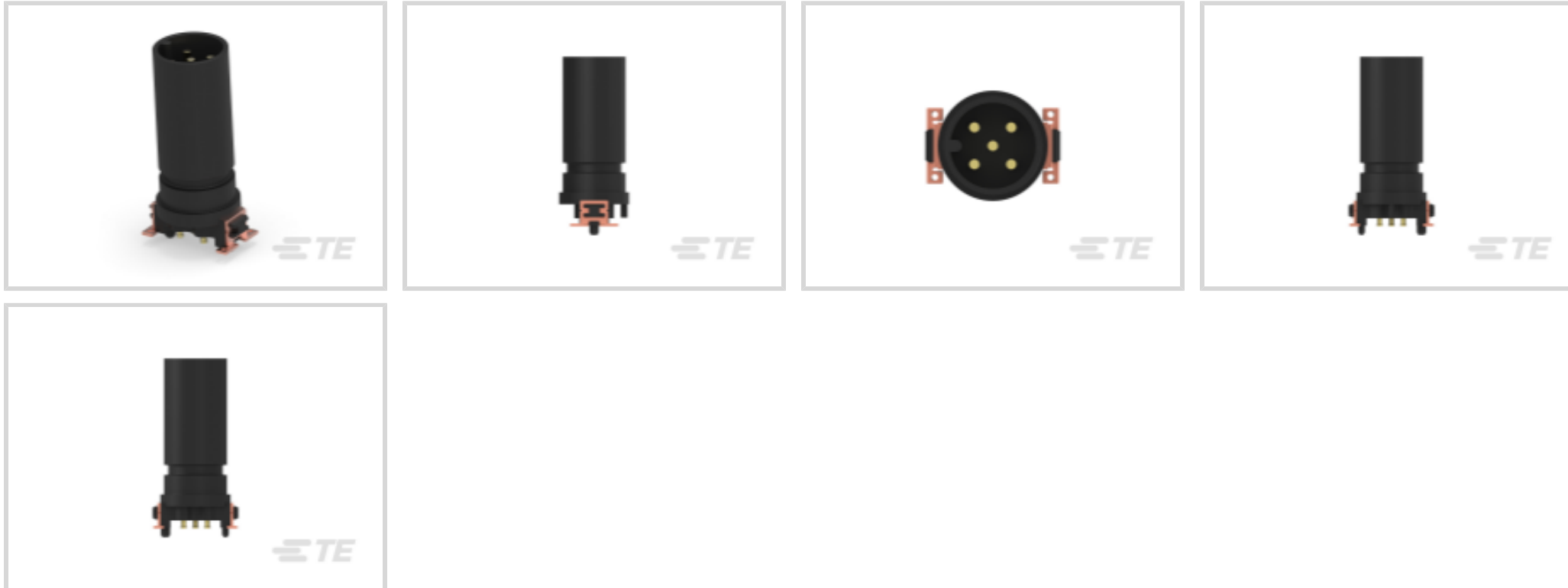
TE Internal #: 364767-E

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

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **5**

Sealable: **No**

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

Contact Current Rating (Max): **4 A**

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

Keying	A
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 Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Board Mount
Polarization Code	A
Mating Alignment Type	Polarized
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	Compliant
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: JUNE 2023 (235) SVHC > Threshold: Pb (3.5% 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	Not Yet Reviewed for halogen content
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 # T4110012051-000
M12 F, 5P GOLD A_CODE S SHIELDED PG9



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



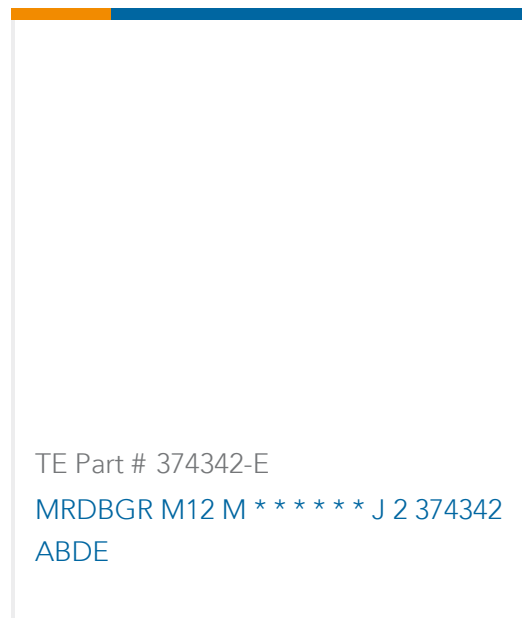
TE Part # T4161320005-001
RPC-M12-FS-5CON-PUR-0.5SH



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




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




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


Also in the Series | M12 Connector



Connector Caps & Covers(5)




Connector Hardware(12)



Connector Seals & Cavity Plugs(4)



M8/M12 Cable Assemblies(230)

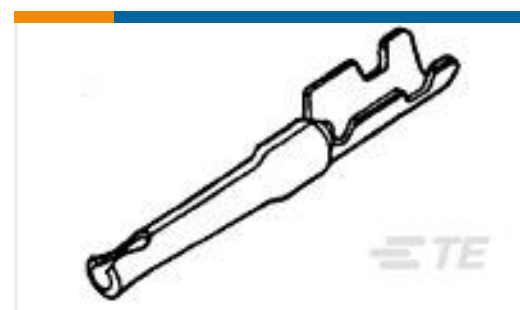


Standard Circular Connectors(803)

Customers Also Bought



TE Part #2023374003
ZHTM-5/2.5-0-SP



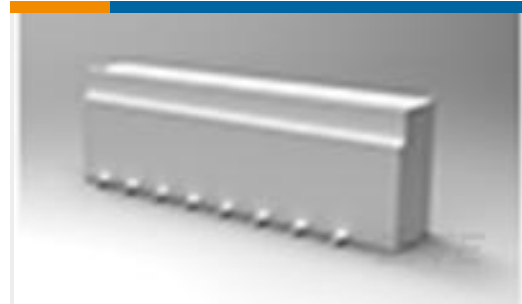
TE Part #1658686-1
SOCKET CONTACT, 22 DF, STRIP, 22-



TE Part #826656-5
5P AMPMODU II STIFT LEI



TE Part #969973-5
2x5P HV100 REC. CON, SMD, GOLD,
BLISTER



TE Part #1735042-5
1MM FFC SMT V ASSY 5P EMBOSS



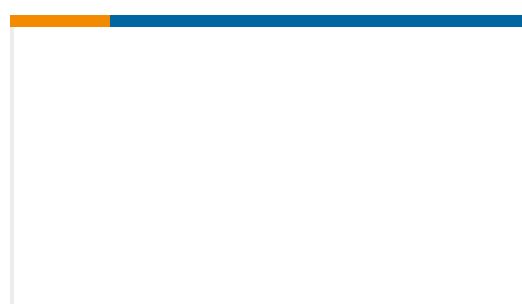
TE Part #G-MRCO-017
CO MS32 8L TDFN 2,5x2,5 SWITCH
ANALOG



TE Part #224514-E
MSPEED 50 F SMD F8 * AB VV 137 094
** E



TE Part #284740-E
M12 MALE, A CODE, 5P, 10.5MM SMT



TE Part #054595-E
SMCB 26 M AB VV 3-03 CLHD * 0007
137 E00



TE Part #366352-E
ERBIC BUS C BUS-SYSTEM SYS PROF
HO SC CU

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