224152-E ✔ ACTIVE

TE Internal #: 224152-E

Standard Circular Connectors, Cable-to-Board, 4 Position, Printed Circuit Board, Power, Signal & High Speed Data, Board Mount, A Polarization Code

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







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

Number of Positions: **4**

Sealable: **No**

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

Contact Current Rating (Max): **3 A**

Features

Product Type Features

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

Configuration Features

Keying	A
Number of Positions	4
Contacts Preloaded	Yes

Body Features

Environmental Protection	IP65, IP67

Contact Features

Contact Current Rating (Max)	3 A
Reverse Gender	No

Circular Connector Contact Type	Pin

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

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

Dimensions

Assembly Length	20.85 mm

Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Operation/Application

Durability Rating	100 Cycles
Circuit Application	Power, Signal & High Speed Data
Shielded	No

Industry Standards

UL Flammability Rating	UL 94 V-0

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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

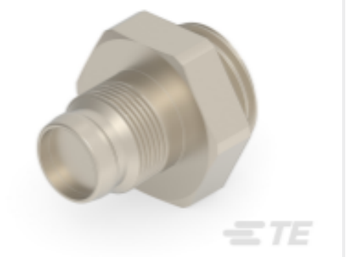
Compatible Parts



TE Part # T4010019041-000
M8,SCREW, FEMALE,S,SHIELD,4P, GOLD



TE Part # T4061320004-001
M8 CABLE ST FEMALE 0.5M 4POS PUR CABLE



TE Part # 284409-E
MRDEZT M08 GEHAEUSETEIL ML ABST. 9MM * *



TE Part # 394905-E
MRDEZT MUTTER M10 X 1 FUER PL. DI 1MM * *

TE Part # 284074-E
MRDEZT M08 GEHAEUSETEIL ML ABST. 13MM *

Customers Also Bought



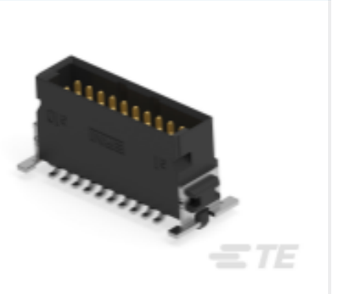
TE Part #5787834-2
STD USB TYPE B, VERTICAL, T/H, NATURAL



TE Part #2267078-6
TMS3T5B2M6RE



TE Part #224151-E
M08 F 4 A H S * 207 16,3 094 * * * * 000



TE Part #254537-E
SMCQ 20 M AB VV 8-03 CL * H007 137 E005



TE Part #464676-E
M12 M 8 A * S * 201 10,5 094 * * * ODV 9



TE Part #484790-E
M12 M 4 A * S * 201 10,5 094 * * * ODV 9



TE Part #494335-E
M12 M 5 A * S * 201 10,5 094 * * Y-VG OD



TE Part #515814-E
M08 F 6 A H S * 301 16,3 094 * * * V P00

TE Part #5420E-100-A-P-S
100 PSIA SO-8 PRESSURE SENSOR

TE Part #839310-E
IDCCS SRC 1,27 4 * SFX NXX 500 PVC * J 2

Documents

Product Drawings

M08 M 4 A H S * 201 16,3 094 * * * * H00

English

CAD Files

Customer View Model

ENG_CVM_CVM_224152-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_224152-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_224152-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