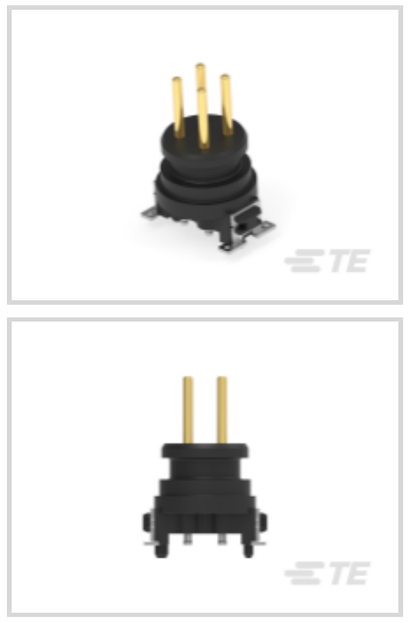
394339-E ✔ ACTIVE

TE Internal #: 394339-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): **4 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)	4 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

Usage Conditions

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	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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) 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 # 394863-E
MRDEZT M12 GEH.TEIL ML DM 9,55 A=13MM *



TE Part # 464272-E
MRDEZT M12 GEHAEUSETEIL ML ABST. 9MM * *

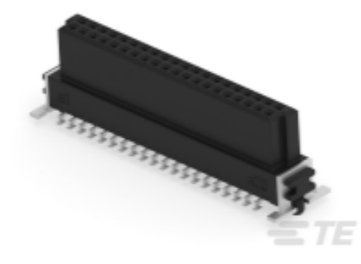
Customers Also Bought



TE Part #224516-E
MSPEED 50 F SMD F10 * AB VV 137 094 * *



TE Part #254538-E
SMCQ 32 M AB VV 8-03 CL * H007 137 E005



TE Part #354065-E
SMCB 40 F AB VV 7-03 CL * H007 137 E002



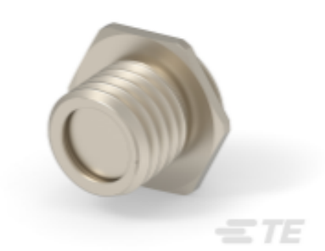
TE Part #354130-E
M12 M 5 B * S * 201 10,5 094 * * * OD 99



TE Part #354702-E
M12 F 5 A H S * 301 17,0 094 * * * V 000



TE Part #364767-E
M12 M 5 A H S * 201 17,0 094 * * * ODV 0



TE Part #254737-E
MRDEZT M12 GEH.TEIL ML DM 8,35 A=9MM * *

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

TE Part #154976-E
MPBS MOD PLUG GEHAEUSE&PLUG BAUSATZ 8 J

TE Part #174070-E
MPBS MOD PLUG ABDECKUNG BAUSATZ 8 J 2 17

Documents

Product Drawings

M12 M 4 A * S * 201 10,5 094 * * * OKV 0

English

CAD Files

Customer View Model

ENG_CVM_CVM_394339-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_394339-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_394339-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