254739-E ✔ ACTIVE

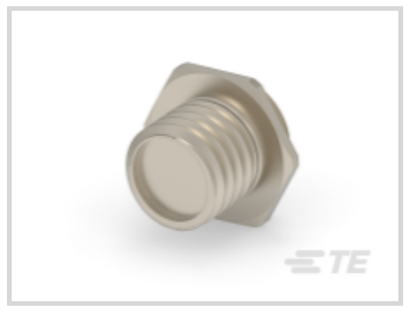
ERNI | M12 Connector

TE Internal #: 254739-E

Sealable, Nickel, CuZn, Metal, -25 – 85 °C [-13 – 185 °F], M12 Connector

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







Sealable: **Yes**

Shell Plating Material: **Nickel**

Shell Base Material: **CuZn**

Shell Type: **Metal**

Operating Temperature Range: **-25 – 85 °C [-13 – 185 °F]**

Features

Product Type Features

Sealable	Yes
Shell Type	Metal

Body Features

Shell Plating Material	Nickel
Shell Base Material	CuZn

Dimensions

Assembly Length	9 mm

Usage Conditions

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
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% 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

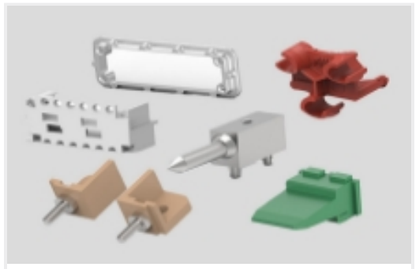
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 284377-E
M12 METAL SHELL, MALE, VERT, 13MM, D8.35

Also in the Series | M12 Connector



Connector Hardware(11)

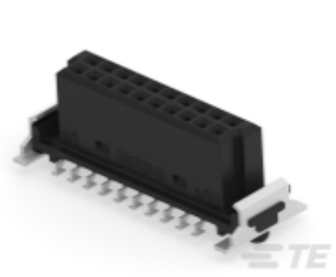


Connector Seals & Cavity Plugs(4)



Standard Circular Connectors(633)

Customers Also Bought



TE Part #354056-E
SMCB 20 F AB VV 7-13 CL * H007 137 E002



TE Part #DTM06-4S
PLG, 4P, GRY, N



TE Part #DT04-4P-CE04
REC, 4P, GRY, E, XCAP



TE Part #WM-4S
WEDGE LOCK, 4P, PLG, ORG, DTM



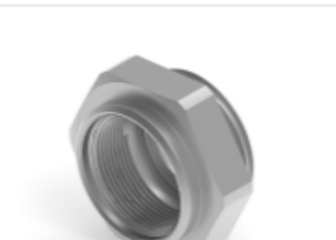
TE Part #W4P
WEDGE LOCK, 4P, REC, GRN, DT



TE Part #0462-201-20141
SOC, SOLID, SIZE 20, 20AWG, NI



TE Part #484790-E
M12 MALE, A CODE, 4P, 10.5MM SMT



TE Part #394828-E
M12 METAL SHELL, FEMALE, VERT, 9MM, C6A



TE Part #2201855-1
MINI I/O PLUG KIT TYPE I L

Documents

Product Drawings

M12 METAL SHELL, MALE, VERT, 9MM, D9.55

English

CAD Files

Customer View Model

ENG_CVM_CVM_254739-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_254739-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_254739-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.

Product Specifications

Application Specification

English