



Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: Latching, Locking & Retention, Mounting

Connector Hardware Accessory Type: Nut

Primary Product Material: Copper Alloy

Operating Temperature (Max): 85 °C [ 185 °F ]

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

Features

Product Type Features

Sealable	Yes
Hardware Accessory Function	Latching, Locking & Retention, Mounting
Connector Hardware Accessory Type	Nut

Body Features

Primary Product Material	Copper Alloy
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Mechanical Attachment

Thread Size	M12
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Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
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	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3% in Component Part) <b>Article Safe Usage Statements:</b> 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

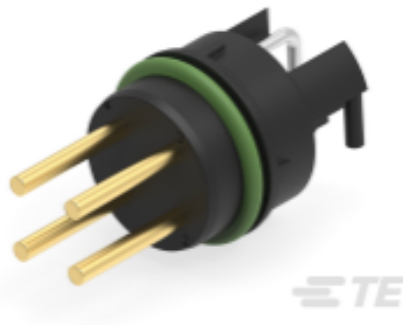


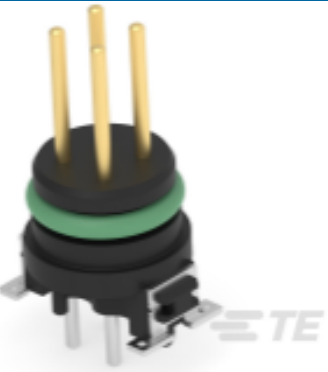












Product Compliance Disclaimer

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 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.


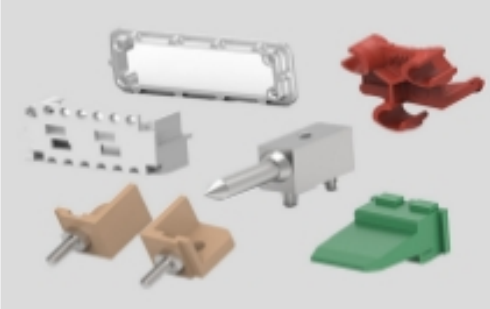

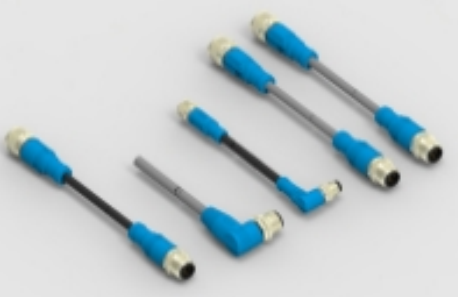
Compatible Parts

 <p>TE Part # 225243-E M12 MALE, A CODE, RA, 4P THR FRONT MOUNT</p>	 <p>TE Part # 225266-E M12 MALE, UNI CODE,RA, 5P THR REAR MOUNT</p>	 <p>TE Part # 225297-E M12 MALE, UNI CODE,RA, 8P THR REAR MOUNT</p>	 <p>TE Part # 225522-E M12 MALE, A CODE,RA, 8P THR FRONT MOUNT</p>
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 <p>TE Part # 235042-E M12 MALE, UNI CODE,RA, 4P THR REAR MOUNT</p>	 <p>TE Part # 235171-E M12 MALE, A CODE, RA, 4P THR REAR MOUNT</p>	 <p>TE Part # 235230-E M12 MALE, A CODE, RA, 4P THR REAR MOUNT</p>	 <p>TE Part # 384812-E M12 MALE, UNI CODE, 4P, 10.5MM THR, DI</p>
 <p>TE Part # 464676-E M12 MALE, A CODE, 8P, 10.5MM SMT</p>	 <p>TE Part # 484118-E M12 MALE, A CODE, 5P, 17MM THR</p>	 <p>TE Part # 484784-E M12 MALE, A CODE, 12P, 10.5MM SMT</p>	 <p>TE Part # 515632-E M12 MALE, UNI CODE, 8P, 10.5MM SMT, DI</p>
 <p>TE Part # 534073-E M12 MALE, A CODE, 4P, 10.5MM SMT</p>	 <p>TE Part # 225242-E M12 MALE, A CODE, RA, 5P THR FRONT MOUNT</p>	 <p>TE Part # 225247-E M12 MALE, A CODE, RA, 4P THR FRONT MOUNT</p>	 <p>TE Part # 225251-E M12 MALE, A CODE, RA, 5P THR REAR MOUNT</p>
 <p>TE Part # 225252-E M12 MALE, A CODE, RA, 4P THR REAR MOUNT</p>	 <p>TE Part # 225254-E M12 MALE, A CODE, RA, 5P THR REAR MOUNT</p>	 <p>TE Part # 225255-E M12 MALE, A CODE, RA, 4P THR REAR MOUNT</p>	 <p>TE Part # 225260-E M12 MALE, B CODE,RA, 5P THR REAR MOUNT</p>

Also in the Series | **M12 Connector**

 <p>Connector Caps &amp; Covers(5)</p>	 <p>Connector Hardware(12)</p>	 <p>Connector Seals &amp; Cavity Plugs(4)</p>	 <p>M8/M12 Cable Assemblies(230)</p>
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Standard Circular Connectors(803)

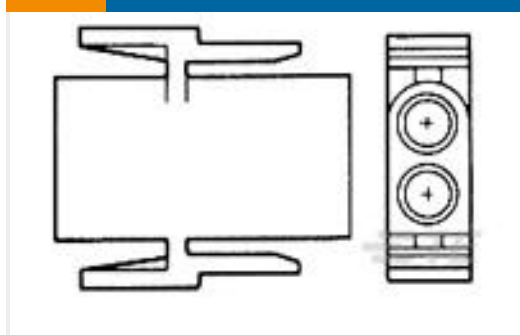
Customers Also Bought



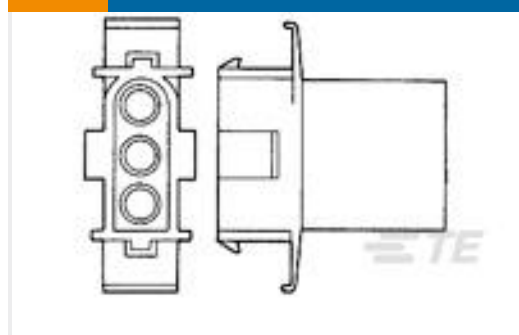
TE Part #0460-204-12141  
PIN, SOLID, SIZE 12, 12-14AWG, NI



TE Part #925661-2  
.140 DIA SOCKET



TE Part #1-350346-0  
03P .140 MNL PLUG P/M NAT



TE Part #1-350347-0  
03P .140 MNL CAP PM NAT



TE Part #225266-E  
M12 MALE, UNI CODE,RA, 5P THR REAR MOUNT



TE Part #3-2176370-4  
RQ 0603 953R 0.1% 10PPM 5K RL



TE Part #HDP24-18-14PE-L015  
REC, 14P, BLK, E, THD, 16, P



TE Part #254154-E  
M8 METAL SHELL, FEMALE, VERT, 9MM



TE Part #284074-E  
M8 METAL SHELL, MALE, VERT, 13MM



TE Part #L9000060-01  
Antenna 2.4 FPC SF 25x20 100 UFL

Documents

Product Drawings

M12 METAL SHELL, MALE, VERT, 13MM, D9.55

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_394863-E\_1.3d\_igs.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_394863-E\\_1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_394863-E\\_1.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

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[Product Specifications](#)

[Application Specification](#)

English