

1-1437709-5 ✓ ACTIVE

TE Internal #: 1-1437709-5

Socket Terminal, 20 – 17 AWG, .5 – 1 mm² Wire, Tin (Sn), Sealable, 1.54 mm [.061 in] Pin Diameter, Single Wire Seal (SWS), Terminates To Wire

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Wire Size: **20 – 17 AWG**

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Clean Body**

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Crimp Type	F-Crimp
Contact Size	1.6mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Socket
Interface Plating	Tin (Sn)
Mating Pin Diameter	1.54 mm [.061 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range

1.15 – 1.4 mm [.045 – .055 in]

Wire Size

20 – 17 AWG

Wire Size Search

.5 mm², .6 mm², .75 mm², 1 mm²

Usage Conditions

Insulation Option

Uninsulated

Operating Temperature (Max)

125 °C [212 °F]

Operating Temperature Range

-40 – 130 °C [-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material

Copper

Packaging Features

Packaging Method

Reel

Packaging Quantity

5000

Other

Customer Preferred Contact

No

Terminal Transmits

0 – 24 A (Low Power)

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JUL 2021 (219)
Does not contain REACH SVHC

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

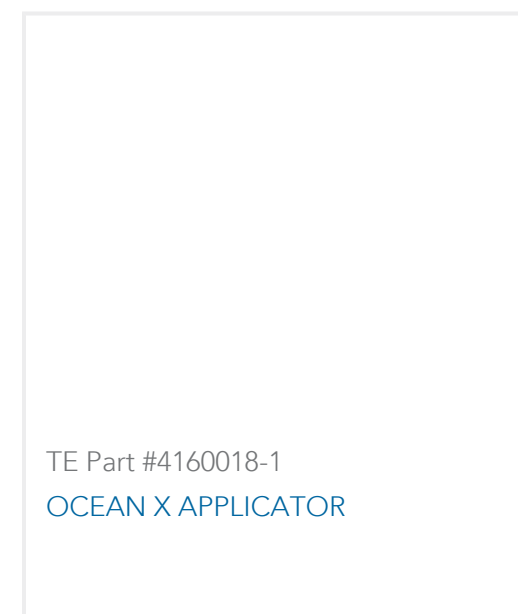
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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



Customers Also Bought





Documents

Product Drawings

[106017/106018=TERMINAL FEM. CR](#)

English

[106017/106018=TERMINAL FEM. CR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1437709-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437709-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437709-5_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[APPLICATION SPECIFICATION FOR 1,6mm CIRCULAR CONTACT SYSTEM](#)

English