



TE Internal #: 2-1411550-1
Automotive Terminals, Receptacle, Mating Tab Width .64 mm [.025 in], Tab Thickness .64 mm [.025 in], 22 – 20 AWG Wire Size, .35 – .5 mm² Wire Size
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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **.64 mm [.025 in]**
Mating Tab Thickness: **.64 mm [.025 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **22 – 20 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	.63mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.6 mm
Wire Size	.35 – .5 mm²
Wire Size Search	20 AWG, 21 AWG, 22 AWG



Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	17500
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 applicable 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 # 2151153-1
OCEAN_2.0_APPLICATOR-S-055F080O

TE Part # 2151153-2
OCEAN_2.0_APPLICATOR-S-055F080O

TE Part # 7-2151153-1
OCEAN_2.0_APPLICATOR-S-055F080O

TE Part # 7-2151153-2
OCEAN_2.0_APPLICATOR-S-055F080O

TE Part # 7-2151153-7
OCEAN_2.0_SPARE_PART_KIT-055F080O

TE Part # 7-2151682-7
OC-055F080O-CRIMPTOOLINGKIT

Customers Also Bought

TE Part #NB-PTCO-032
Pt100, 1.2x4.0, Class B, PTFM101B1G0

TE Part #1-967622-5
JUN-POW-TIM GEH 12P

TE Part #1-1564514-1
10POS, MIXED,REC HSG,ASSY

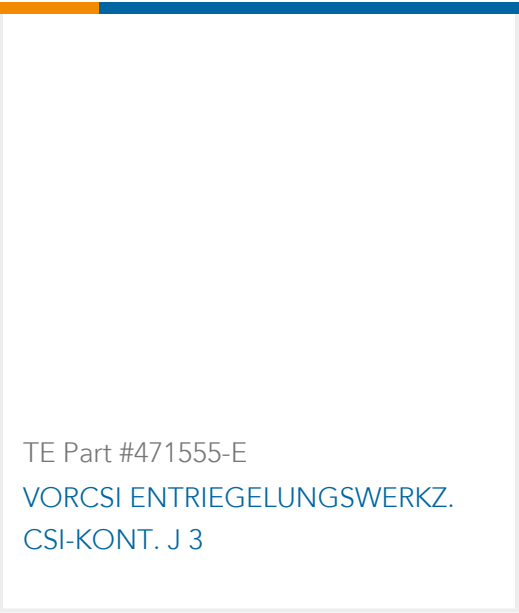
TE Part #3-1625892-3
3W SM M/OX 5% 22R

TE Part #3-2176414-1
7W STD M/OX 5% 360R

TE Part #927775-1
JPT REC 2.8 Contact SRC Sn

TE Part #1743386-1
MQS HDR 8P ASSY(V-TYPE/A)

TE Part #284512-3
3 POS TERMI-BLOK HDR 900 POLAR



Documents

Product Drawings

ELOSTD M5300U91

English

ELOSTD M5300U91

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1411550-1_A_c-2-1411550-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1411550-1_A_c-2-1411550-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1411550-1_A_c-2-1411550-1-a.3d_stp.zip

English

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Product Specifications

Application Specification

English