



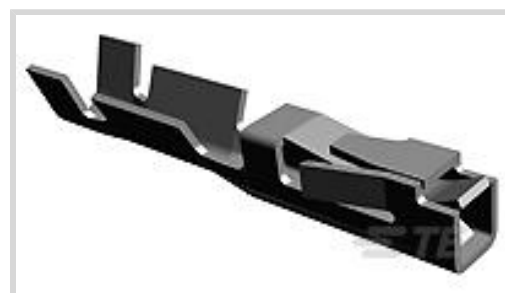
AMP

TE Internal #: 166500-9

Automotive Terminals, Receptacle, Mating Tab Width .64 mm [.025 in], Tab Thickness .025 in [.64 mm], 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size

[View on TE.com >](#)

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: **24 – 20 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	.64mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	3 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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.2 – .5 mm ²
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Wire Size Search	20 AWG, 21 AWG, 22 AWG, 23 AWG, 24 AWG
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Wire Insulation Diameter	1.4 mm[.055 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature (Max)	80 °C, 85 °C[176 °F][185 °F]
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Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	14000
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Other

Customer Preferred Contact	No
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 843473-1
EXTRACTION TOOL



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 169481-2
HTV10 HAND TOOL, TANDEM SPRING



TE Part # 2151263-1
OCEAN_2.0_Applicator-S-055F0620



TE Part # 2-2151263-1
OCEAN_2.0_Applicator-S-055F0620



TE Part # 2-2151263-2
OCEAN_2.0_Applicator-S-055F0620



TE Part # 2-2836664-1
OCEAN_2.0_Applicator-S-042F0550



TE Part # 2-2836664-2
OCEAN_2.0_Applicator-S-042F0550A



TE Part # 2151263-2
OCEAN_2.0_Applicator-S-055F0620



TE Part # 2836664-1
OCEAN_2.0_Applicator-S-042F0550



TE Part # 2836664-2
OCEAN_2.0_Applicator-S-042F0550A



TE Part # 5-2151263-1
OCEAN_2.0_Applicator-S-055F0620



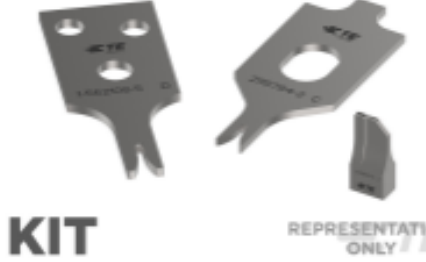
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TE Part # 7-2151263-1
OCEAN_2.0_Applicator-S-055F0620



TE Part # 7-2151263-2
OCEAN_2.0_Applicator-S-055F0620



KIT
REPRESENTATION ONLY
TE Part # 7-2151263-7
OCEAN_2.0_SPARE_PART_KIT-055F0620



Customers Also Bought



Documents

Product Drawings

F.CRIMP

English

CAD Files

Customer View Model

[ENG_CVM_166500-9_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_166500-9_Z.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_166500-9_Z.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English