

776001-1 ACTIVE

AMP

TE Internal #: 776001-1

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], 22 – 18 AWG Wire Size, .3 – .85 mm² Wire Size, Tin (Sn) Interface Plating

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: 1.5 mm [.059 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .3 – .85 mm²

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm [.059 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.1 – 2.25 mm [.043 – .088 in]
Wire Size	.3 – .85 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 AWG

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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Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel
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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
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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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



 <p>TE Part # 179631-1 DIAGNOSTIC PLUG HSG 16P NARU.</p>	 <p>TE Part # 348822-2 16 WAY DIAGNOSTIC CONN BLACK</p>	 <p>TE Part # 179631-2 DIAGNOSTIC PLUG HSG 16P BLACK</p>	 <p>TE Part # 2151854-1 OCEAN_2.0_APPLICATOR-S-070F1000-RSM</p>
 <p>TE Part # 2151854-2 OCEAN_2.0_APPLICATOR-S-070F1000</p>	 <p>TE Part # 2301724-5 16POS,060 SERIES,REC HSG,UNSLD</p>	 <p>TE Part # 2301724-6 16POS,060 SERIES,REC HSG,UNSLD</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>
 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151854-7 OCEAN_2.0_SPARE_PART_KIT-070F1000</p>	 <p>TE Part # 7-2151854-1 OCEAN_2.0_APPLICATOR-S-070F1000</p>	 <p>TE Part # 348822-6 16 WAY DIAGNOSTIC CONN GREY</p>	 <p>TE Part # 1123933-1 DIAGNOSTIC 16P PLUG(BRAKT TYPE)</p>

Customers Also Bought

 <p>TE Part #1717106-1 TH/.025 CONNECTOR SYSTEM, HOUSING</p>	 <p>TE Part #368135-6 040/070 HYB 22P PLUG HSG GRAY</p>	 <p>TE Part #284087-1 MULTILOCK, RECEPTACLE AND TAB</p>	 <p>TE Part #1612123-1 SQUIB FERRITE</p>
 <p>TE Part #2301724-6 16POS,060 SERIES,REC HSG,UNSLD</p>	 <p>TE Part #1-2112778-3 58POS, MIXED,REC HSG,1452415, ASSY,SEALED</p>	 <p>TE Part #223321-000 BL-POLY125-16-0-110MM</p>	

Documents



Product Drawings

RECPT TERMINAL 1.5MM OBD CONN

English

CAD Files

Customer View Model

[ENG_CVM_CVM_776001-1_L1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776001-1_L1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776001-1_L1.3d_stp.zip](#)

English

3D PDF

3D

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Product Specifications

[Application Specification](#)

English