776001-1 ✔ ACTIVE

AMP

TE Internal #: 776001-1

Receptacle Terminal, 18 – 22 AWG, .82 – .32 mm² Wire, 1.5 mm [.06 in] Tab Width, Tin (Sn), 1.5 mm [.06 in] Tab Thickness, Unsealed

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Automotive Parts > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **18 – 22 AWG**

Mating Tab Width: **1.5 mm [.06 in]**

Interface Plating: **Tin (Sn)**

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Body Features

Terminal Seal Type	Unsealed

Contact Features

Crimp Type	F-Crimp
Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.06 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	1.5 mm[.06 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Compatible Insulation Diameter Range	1.1 – 2.25 mm[.043 – .088 in]
Wire Size	18 – 22 AWG

Wire Size Search	.3 mm², .4 mm², .5 mm², .6 mm², .8 mm²
Tab Length	15.7 mm[.61 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

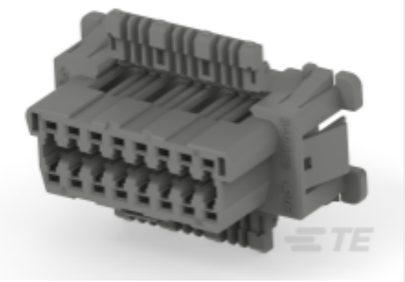
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 348822-6
16 WAY DIAGNOSTIC CONN GREY



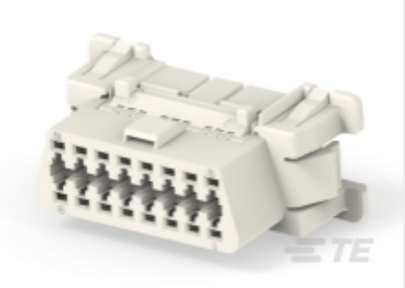
TE Part # 179631-1
DIAGNOSTIC PLUG HSG 16P NARU.



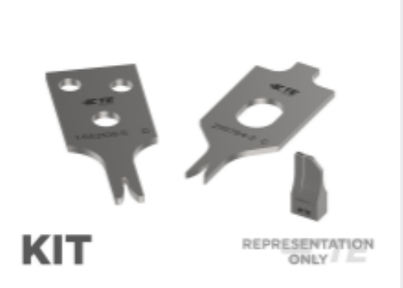
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 179631-2
DIAGNOSTIC PLUG HSG 16P BLACK



TE Part # 2301724-5
16POS,060 SERIES,REC HSG,UNSLD



TE Part # 7-2151854-7
OCEAN_2.0_SPARE_PART_KIT-070F100O



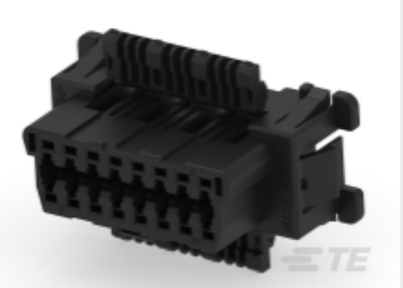
TE Part # 1123933-1
DIAGNOSTIC 16P PLUG(BRAKT TYPE



TE Part # 2151854-1
OCEAN_2.0_APPLICATOR-S-070F100O-RSM



TE Part # 2151854-2
OCEAN_2.0_APPLICATOR-S-070F100O_RSA

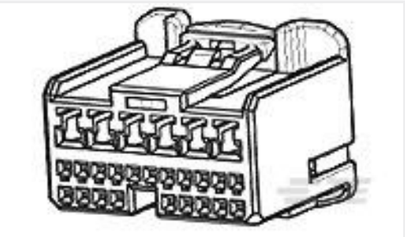


TE Part # 348822-2
16 WAY DIAGNOSTIC CONN BLACK



TE Part # 2301724-6
16POS,060 SERIES,REC HSG,UNSLD

Customers Also Bought



TE Part #1939605-1
0.64/2.3 SERIES 20POS.PLUG HOUSING ASSY

TE Part #2315104-9
WEICHAI OH6.0 WP12 ENGINE HARNESS

TE Part #2383949-6
WEICHAI WP10HNG EUVI ENGINE HARNESS 1

TE Part #2386797-7
WEICHAI WP12 AUXILIARY BRAKE CABLE ASSY

TE Part #2386797-8
WEICHAI WP12 AUXILIARY BRAKE CABLE ASSY

TE Part #2397075-5
WEICHAI ECONTROL WP13 GAS ENGINE CAS

TE Part #2407090-8
WEICHAI WP13 GAS ENGINE CAS

TE Part #2439711-1
WOODWARD WP15 GAS ENGINE CABLE

TE Part #2458835-1
WEICHAI WP10.5HNG

TE Part #2819512-6
HSG ASSY SEALED 38 POS.

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English