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Wire-to-Board Connector Contacts: socket, wire size 30-16 AWG, SL 156



Contact Type: **Socket**
Connector System: **Wire-to-Board, Wire-to-Wire**
Wire Size: **.2 – .9 mm²**
Contact Mating Area Plating Material: **Tin**

[All Wire-to-Board Connector Contacts: socket, wire size 30-16 AWG, SL 156 \(24\)](#)

Features

Product Type Features

Applied Pressure	Low
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Mating Square Post Dimension	1.14 mm[.045 in]
Contact Retention Within Housing	With
Contact Underplating Material Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Material Thickness	.2 μm



Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Underplating Material	Nickel
Contact Base Material	Brass
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	6.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Accepts Wire Insulation Diameter Range	2.8 mm[.11 in]
Wire Size	.2 – .9 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Other

Comment	Recommended for 13 thru 24 position housings- any position acceptable.
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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
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 58614-1 PROCrimp, HT&D SL156	 TE Part # 2305570-1 Terminal Cutter, Side Feed	 TE Part # 7-2151033-7 OCEAN_2.0_SPARE_PART_KIT-070F100F	 TE Part # 2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F
 TE Part # 58614-2 PROCrimp, Die, SL156	 TE Part # 90471-1 Extraction Tool, SC-156	 TE Part # 91597-1 CCII SL-156 REC 24-18 ASSY	 TE Part # 2-2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F



TE Part # 2-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 5-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F

TE Part # 5-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 7-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F

TE Part # 7-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 7-2266602-7
OCEAN_2.0_SPARE_PART_KIT-070F100F

TE Part # 91597-3
CCII SL-156 REC 24-18 HEAD

Also in the Series | SL-156

Insertion & Extraction Tools(1)

PCB Connector Keying(2)

PCB Latches, Locks & Retainers(1)

Rectangular Connector Housings(12)

Rectangular Connector Keying Plugs(1)

Wire-to-Board Connector Assemblies & Housings(157)

Wire-to-Board Connector Contacts(24)

Customers Also Bought

TE Part #1-770849-7
3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156

TE Part #1-770903-0
MINI UMNL PIN 22-18 AWG AU

TE Part #87809-1
MOD V RECP PLTD 30 AU

TE Part #1-770996-3
13P SL 156 HSG W/TABS W/O LR



TE Part #2-34148-4
PG R 22-16 COMM 22-18 MIL 8



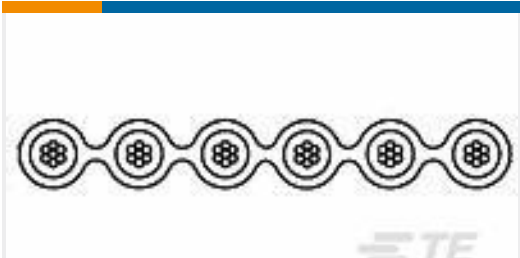
TE Part #1-770996-2
12P SL 156 HSG W/TABS W/O LR



TE Part #176152-1
SCREWLOCK KIT FOR AMPLIMITE



TE Part #2-34176-1
TERMINAL, PG SPD 12-10 10



TE Part #1-57040-6
Madison Spec 100-4703 Rev. 7

Documents

Product Drawings

SL156 RECEPTACLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-350980-1_AG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-350980-1_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-350980-1_AG.3d_stp.zip

English

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

Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_3-350980-1_031820182359_dmtec



English

[MD_3-350980-1_031820182359_dmtec](#)

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[Agency Approvals](#)

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