



SL-156

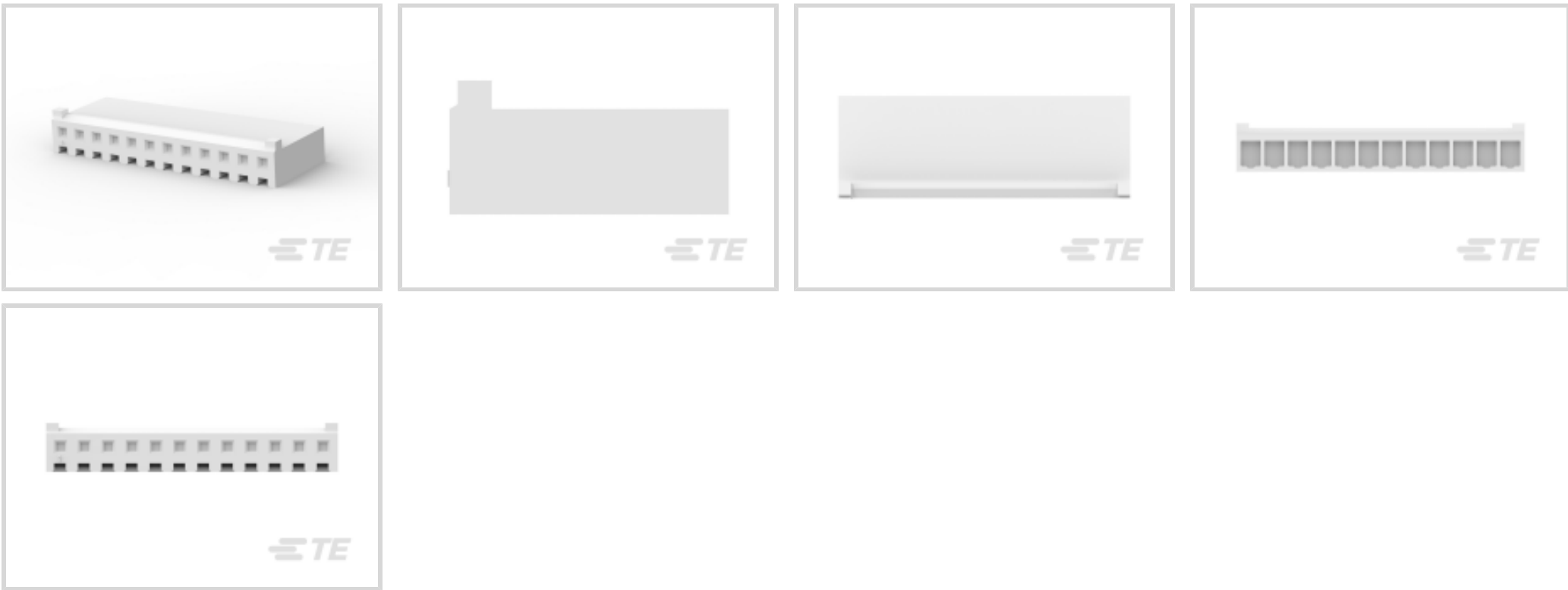
TE Internal #: 1-647402-2

Housing, Receptacle, Wire-to-Board, 12 Position, .156 in [3.96 mm]

Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, SL-156

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **12**

Centerline (Pitch): **3.96 mm [.156 in]**

[All Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156 \(107\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Retention Within Housing	Without
Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	6.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Ramp
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Left End Open
Housing Material	Nylon - GF
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

	1.906 in
Connector Height	6.35 mm
Wire Size	.0509 - .823 mm ²

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	1
Packaging Method	Package

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1-640384-2
12P MTA156 HDR ASSY STR RND SN

TE Part # 4-641210-2
12P MTA156 HDR FLRA FB 30AU LF

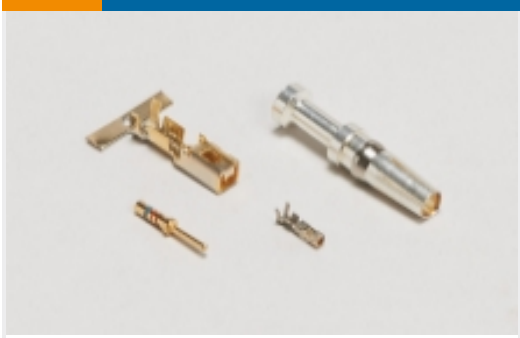
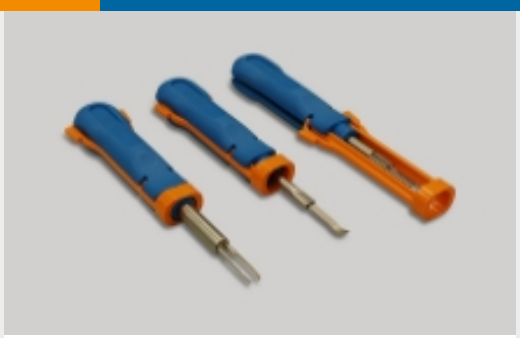
TE Part # 1-640385-2
12P MTA156 HDR ASSY SQ R/A

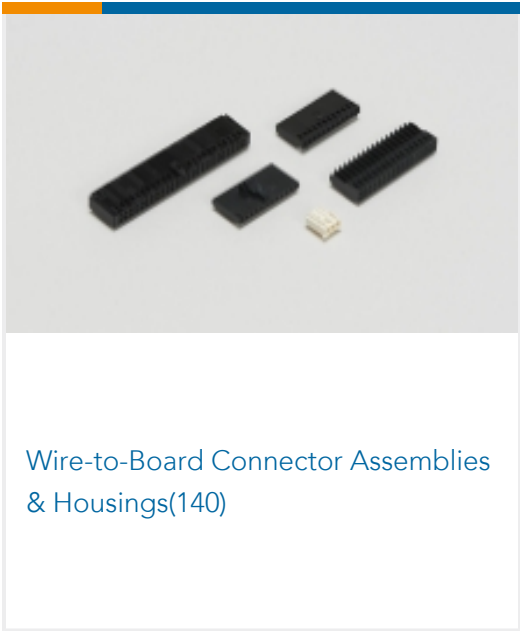
TE Part # 1-640389-2
12P MTA156 HDR ASSY SQ R/A F/L



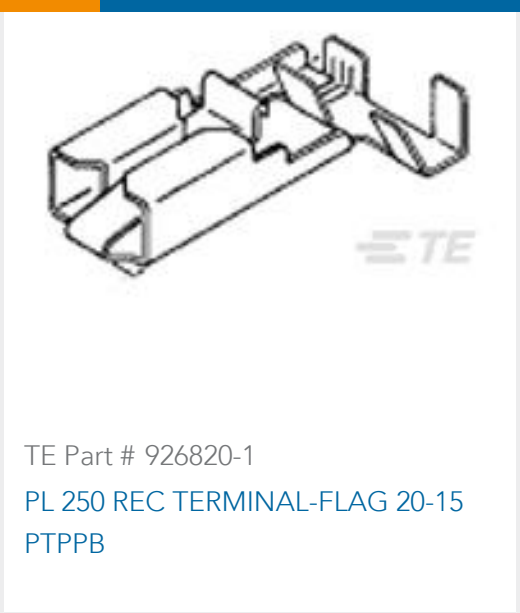
 TE Part # 1-640551-2 12P MTA156 COVER	 TE Part # 1-640388-2 12P MTA156 HDR ASSY RN STR F/L	 TE Part # 1-644752-2 12P MTA156 HDR ASSY SQ STR F/L	 TE Part # 1-640445-2 12P MTA156 HDR ASSY FL/STR SN
 TE Part # 1-640383-2 12P MTA156 HDR ASSY STR SQ SN	 TE Part # 1-643067-2 12P MTA156 MOLDED COVER	 TE Part # 1-643071-2 12P MTA156 FD-THRU COVER	 TE Part # 4-641208-2 12P MTA156 HDR ASSY FL ST LF
 TE Part # 1-644753-2 12P MTA156 HDR ASSY RN STR F/L	 TE Part # 4-644615-2 12P MTA156 POL HDR ASSY LF	 TE Part # CAT-103156-WBHSM Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156	 TE Part # 4-641209-2 12P MTA156 HDR ASSY FL ST LF
 TE Part # 4-644617-2 12P MTA156 HDR ASY PO RA FB LF	 TE Part # 641876-3 12P MTA156 HDR ASSY FL STR SN	 TE Part # 1-640643-2 12P MTA156 COVER F/T	 TE Part # 1-641119-2 12P MTA156 HDR ASSY FL/ST 15AU

Also in the Series | SL-156

 Connector Contacts(23)	 Connector Hardware(4)	 Insertion & Extraction Tools(1)	 Rectangular Connector Housings(10)
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Customers Also Bought



Documents

Product Drawings
12P SL156 HSG W/RMP&TABS,OVSZ
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-647402-2_C.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-647402-2_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-647402-2_C.3d_stp.zip
English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English