

SL-156

TE Internal #: 647344-5

Rectangular Connector Housings, Wire-to-Board, 5 Position, .156 in [3.96 mm] Centerline, 1 Row, Nylon 66/6, Receptacle, Socket, SL-156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings > Connector Housing, Rectangular, 3.96 mm, 1 Row

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

Number of Positions: 5

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

Number of Rows: 1

Housing Material: **Nylon 66/6**
[All Connector Housing, Rectangular, 3.96 mm, 1 Row \(10\)](#)

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Type	Socket

Mechanical Attachment



Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Color	Natural
Centerline (Pitch)	3.96 mm [.156 in]
Housing Material	Nylon 66/6

Dimensions

Connector Height	16.76 mm [.66 in]
Product Width	6.35 mm [.25 in]
Product Length	19.74 mm [.777 in]

Usage Conditions

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

Halogen Free	Yes
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

CSA Rating	LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

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 # CAT-103156-RECHS
Connector Housing, Rectangular, 3.96 mm, 1 Row



TE Part # 3-644613-5
05P MTA156 HDR RA PO WO PEG LF



TE Part # 640551-5
05P MTA156 COVER



TE Part # 640389-5
05P MTA156 HDR ASSY SQ R/A F/L



TE Part # 3-641208-5
05P MTA156 HDR ASSY FL ST LF



TE Part # 3-641210-5
05P MTA156 HDR FLRA FB 30AU LF




TE Part # 640385-5
05P MTA156 HDR ASSY SQ R/A

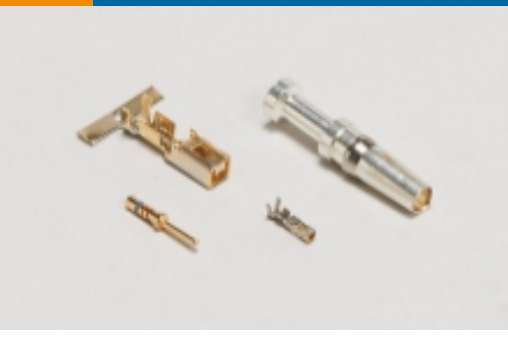






TE Part # 3-641119-5
05P MTA156 HDR ASSY FL/ST LF

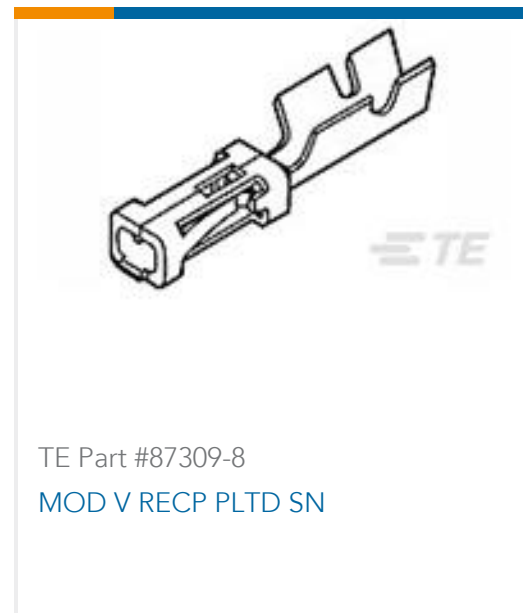


 <p>TE Part # 2-647123-5 05P MTA156 SHRD HDR ASSY SQ SN</p>	 <p>TE Part # 640643-5 05P MTA156 COVER F/T</p>	 <p>TE Part # 640388-5 05P MTA156 HDR ASSY RN STR F/L</p>	 <p>TE Part # 643495-3 05P MTA156 HDR ASSY W/O#2</p>
 <p>TE Part # 640383-5 05P MTA156 HDR ASSY STR SQ SN</p>	 <p>TE Part # 643495-2 05P MTA156 HDR ASSY W/O#2&4</p>	 <p>TE Part # 640445-5 05P MTA156 HDR ASSY FL/STR SN</p>	 <p>TE Part # 3-644615-5 05P MTA156 POL HDR ASSY LF</p>
 <p>TE Part # 644752-5 05P MTA156 HDR ASSY SQ STR F/L</p>	 <p>TE Part # 643495-1 05P MTA156 HDR ASSY W/O#4</p>	 <p>TE Part # 643067-5 05P MTA156 MOLDED COVER</p>	 <p>TE Part # 643071-5 05P MTA156 FD-THRU COVER</p>

Also in the Series | **SL-156**

 <p>Connector Contacts(23)</p>	 <p>Connector Hardware(4)</p>	 <p>Insertion & Extraction Tools(1)</p>	 <p>Rectangular Connector Housings(10)</p>
 <p>Wire-to-Board Connector Assemblies & Housings(140)</p>			

Customers Also Bought



Documents

Product Drawings

05P SL156 HSG W/RP TB BLK #3

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_647344-5_C_c-647344-5-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_647344-5_C_c-647344-5-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_647344-5_C_c-647344-5-c.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Agency Approvals

UL Report

English