



SL-156

TE Internal #: 647401-5

Housing, Receptacle, Crimp, Wire-to-Board, UL 94V-0, 5 Position, 3.96 mm [.156 in] Centerline, SL-156, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

Termination Method to Wire & Cable: **Crimp**

[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	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Primary Product Color	Natural
-----------------------	---------



Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Housing Features

Housing Material	Nylon GF
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Height	6.35 mm
	.814 in
Wire Size	30 – 18 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	1

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 3-644631-5
05P MTA156 HDR ASSY STR LF

TE Part # 643067-5
05P MTA156 MOLDED COVER

TE Part # 3-644615-5
05P MTA156 POL HDR ASSY LF

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

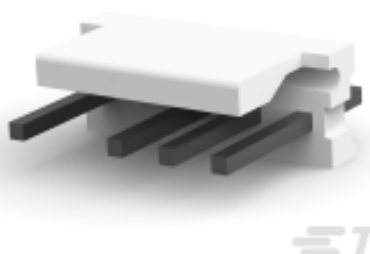
TE Part # 640385-5
05P MTA156 HDR ASSY SQ R/A

TE Part # 640383-5
05P MTA156 HDR ASSY STR SQ SN

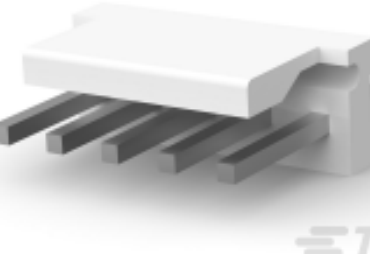
TE Part # 640384-5
05P MTA156 HDR ASSY STR RND SN

TE Part # 643495-3
05P MTA156 HDR ASSY W/O#2

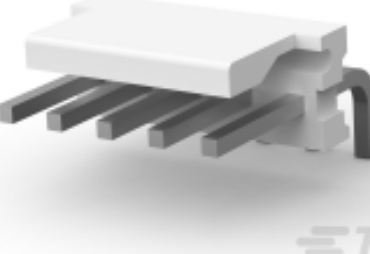




TE Part # 643495-1
05P MTA156 HDR ASSY W/O#4



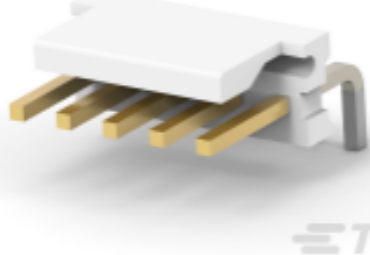
TE Part # 640445-5
05P MTA156 HDR ASSY FL/STR SN



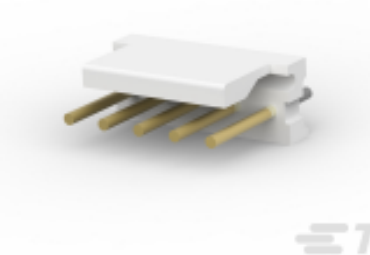
TE Part # 640389-5
05P MTA156 HDR ASSY SQ R/A F/L



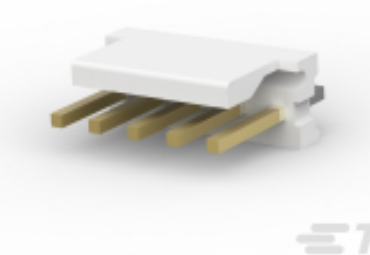
TE Part # 3-644766-5
05P MTA156 HDR ASSY STR SQ LF



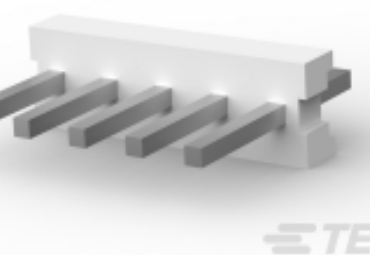
TE Part # 3-641121-5
05P MTA156 HDR ASSY FL/RA LF



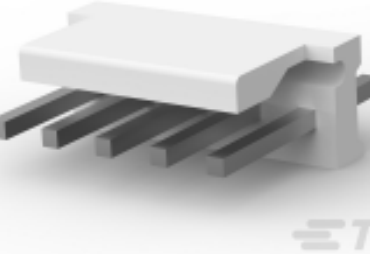
TE Part # 3-641120-5
05P MTA156 HDR ASSY FL/ST LF



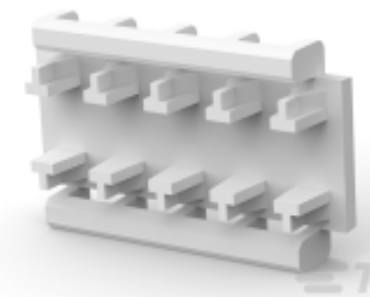
TE Part # 3-641119-5
05P MTA156 HDR ASSY FL/ST LF



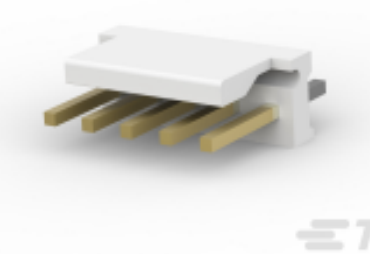
TE Part # 644749-5
05P MTA156 HDR ASSY STR SQ SN



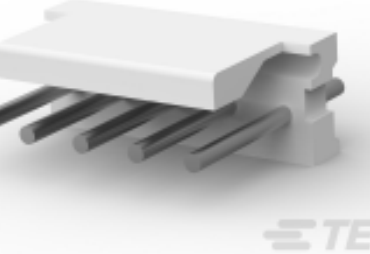
TE Part # 644752-5
05P MTA156 HDR ASSY SQ STR F/L



TE Part # 643071-5
05P MTA156 FD-THRU COVER



TE Part # 3-644759-5
05P MTA156 HDR ASSY STR LF

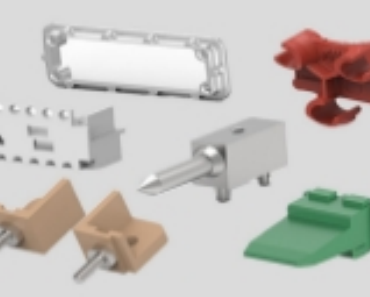


TE Part # 640388-5
05P MTA156 HDR ASSY RN STR F/L

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Power Contacts(13)



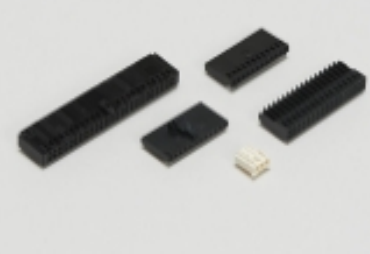
Rectangular Connector Housings(144)



Rectangular Power Connectors(144)



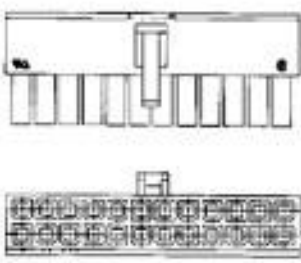
Standard Rectangular Connectors(144)



Wire-to-Board Connector Assemblies & Housings(6)

Customers Also Bought

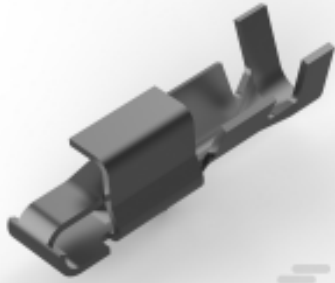




TE Part #2-794954-2
22P RCPT VAL-U-LOK V2



TE Part #32151
SPLICE,SOLIS BUTT 12-10



TE Part #CAT-103156-WTBCC
Connector Contacts: Wire-to-Board
Socket, SL 156



TE Part #34321
SPLICE,SOLIS BUTT 8



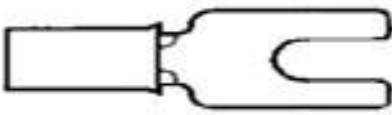
TE Part #34117
SOLIS SPD 22-16COMM 22-18MIL 8



TE Part #320571
PIDG R 22-16 COMM 22-18MIL 1/4



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



TE Part #31705
TERMINAL,BUDG SPD 16-14 8

Documents

Product Drawings

05P SL156 HSG W/RAMP,LRG OPEN

English

CAD Files

Customer View Model

ENG_CVM_CVM_647401-5_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_647401-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_647401-5_C.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English