647401-3 ✔ ACTIVE

SL-156

TE Internal #: 647401-3

Housing, Receptacle, Wire-to-Board, 3 Position, .156 in [3.96 mm] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, SL-156

View on TE.com >

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: **3**

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	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

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

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

	.502 in
Connector Height	6.35 mm
Wire Size	.0509 - .823 mm²

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 Quantity	1
Packaging Method	Package

Product Compliance

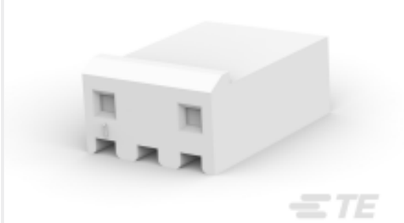
For compliance documentation, visit the product page on TE.com>

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

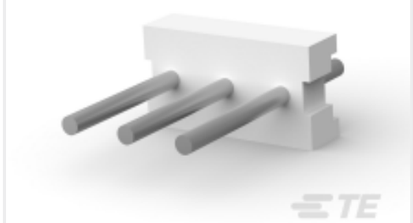
Product Compliance Disclaimer

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

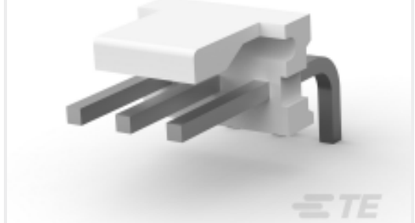
Compatible Parts



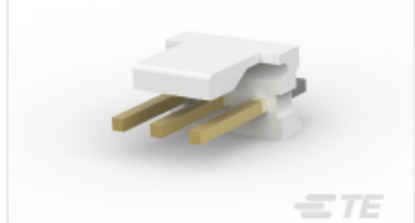
TE Part # 794115-3
03P SL156 HSG W/LCK RAMP NATL #2 BLK



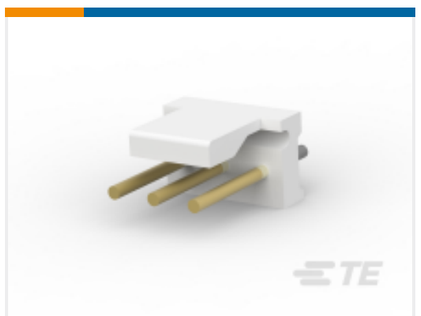
TE Part # 640384-3
03P MTA156 HDR ASSY STR RND SN



TE Part # 640389-3
03P MTA156 HDR ASSY SQ R/A F/L



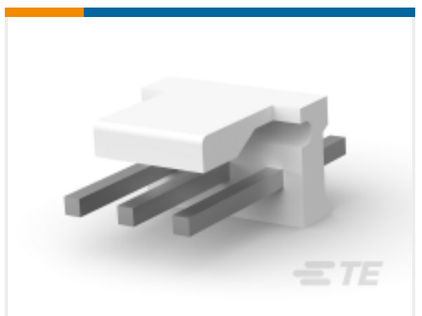
TE Part # 3-641119-3
03P MTA156 HDR ASSY FL/ST LF



TE Part # 3-641209-3
03P MTA156 HDR ASSY FL ST LF

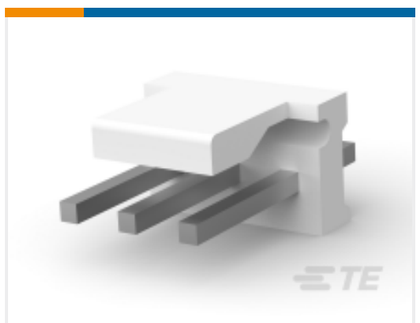
TE Part # 643071-3
03P MTA156 FD-THRU COVER

TE Part # 640551-3
03P MTA156 COVER



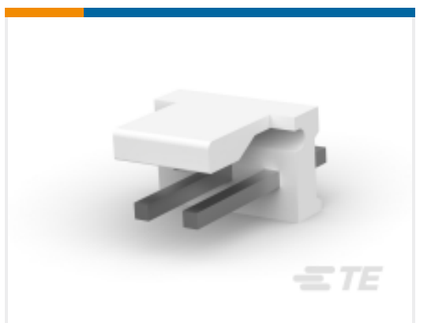
TE Part # 644752-3
03P MTA156 HDR ASSY SQ STR F/L

TE Part # 640385-3
03P MTA156 HDR ASSY SQ R/A

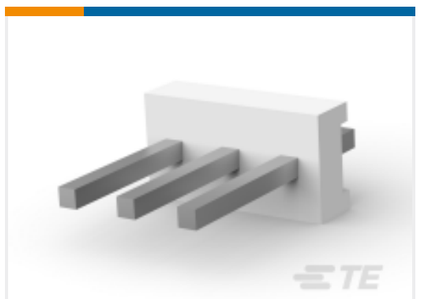


TE Part # 640445-3
03P MTA156 HDR ASSY FL/STR SN

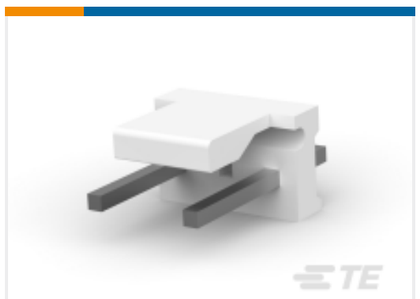
TE Part # 3-644615-3
03P MTA156 POL HDR ASSY LF



TE Part # 641937-2
03P MTA156 HDR ASSY SQ W/O#3

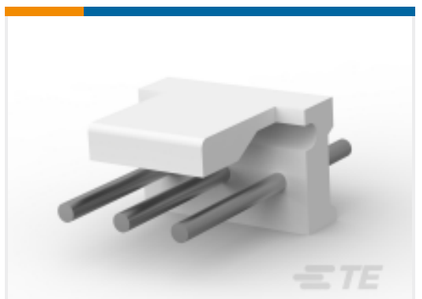


TE Part # 640383-3
03P MTA156 HDR ASSY STR SQ SN



TE Part # 641937-1
03P MTA156 HDR ASSY STR W/O#2

TE Part # 643067-3
03P MTA156 MOLDED COVER



TE Part # 644753-3
03P MTA156 HDR ASSY RN STR F/L

TE Part # 3-641120-3
03P MTA156 HDR ASSY FL/ST LF

TE Part # 3-641121-3
03P MTA156 HDR ASSY FL/RA LF

TE Part # 3-644613-3
03P MTA156 HDR RA PO WO PEG LF

TE Part # 644751-3
03P MTA156 HDR ASSY R/A

Also in the Series | SL-156

Connector Contacts(23)

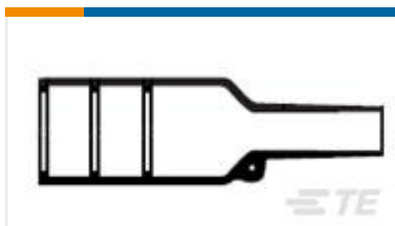
Connector Hardware(4)

Insertion & Extraction Tools(1)

Rectangular Connector Housings(10)

Wire-to-Board Connector Assemblies & Housings(140)

Customers Also Bought

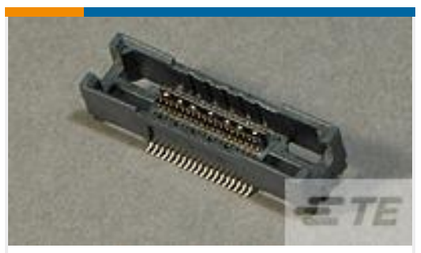


TE Part # 822597-000
202K153-3/42-0

TE Part # 640250-2
02P SL156 HSG W/LCK RAMP NATL

TE Part # 3-770476-1
SL156 RECPT, SNNI/PHBZ

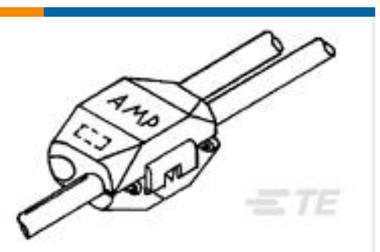
TE Part # 8-320565-1
TERMINAL,PIDG R 16-14 8



TE Part # 5767054-1
MICT,RECPT,38,ASSY,PDNI

TE Part # 1825008-3
DRD16CRAE04=Rot Dip,R/A,w/comp

TE Part # 770579-1
08P MINI UMNL PLUG HSG



TE Part # 735410
ELECTRO TAP ASSY

TE Part # T2050322101-000
HEE-032-M

Documents

Product Drawings

03P SL156 HSG W/RAMP,LRG OPEN

English

CAD Files

Customer View Model

ENG_CVM_CVM_647401-3_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_647401-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_647401-3_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English