2-640250-0 ✔ ACTIVE

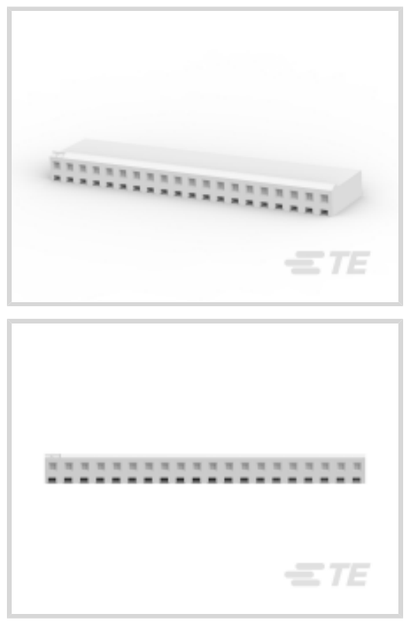
SL-156

TE Internal #: 2-640250-0

Housing, Receptacle, Wire-to-Board, 20 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: **20**

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	20
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

	3.121 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

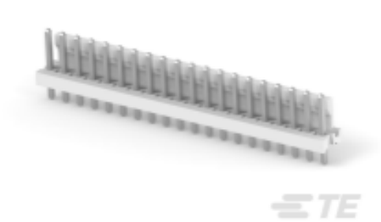
For compliance documentation, visit the product page on TE.com>

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 # 2-644752-0
20P MTA156 HDR ASSY SQ STR F/L



TE Part # 2-640388-0
20P MTA156 HDR ASSY RN STR F/L



TE Part # 2-640389-0
20P MTA156 HDR ASSY SQ R/A F/L



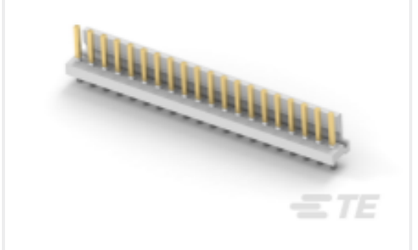
TE Part # 2-640445-0
20P MTA156 HDR ASSY FL/STR SN



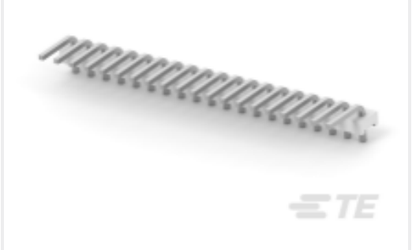
TE Part # 2-640551-0
20P MTA156 COVER



TE Part # 2-640383-0
20P MTA156 HDR ASSY STR SQ SN



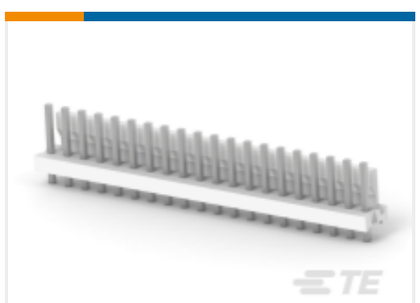
TE Part # 5-641208-0
20P MTA156 HDR ASSY FL ST LF



TE Part # 2-640385-0
20P MTA156 HDR ASSY SQ R/A



TE Part # 2-640643-0
20P MTA156 COVER F/T



TE Part # 2-641119-0
20P MTA156 HDR ASSY FL/ST 15AU



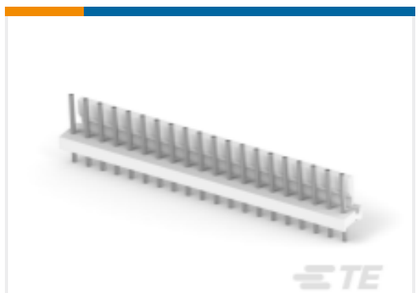
TE Part # 2-643067-0
20P MTA156 MOLDED COVER



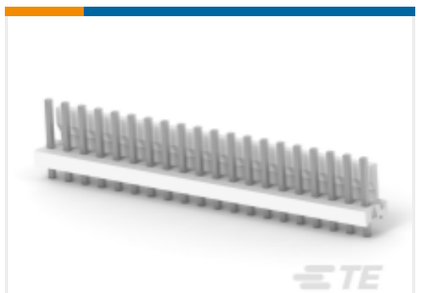
TE Part # 2-643071-0
20P MTA156 FD-THRU COVER



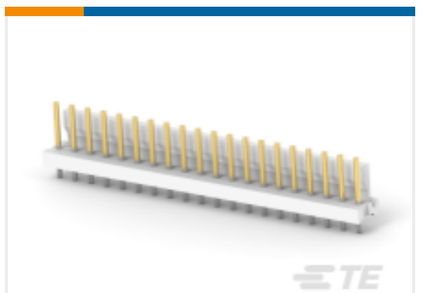
TE Part # 2-644751-0
20P MTA156 HDR ASSY R/A



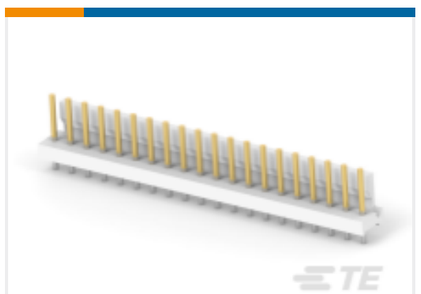
TE Part # 2-644753-0
20P MTA156 HDR ASSY RN STR F/L



TE Part # 5-641119-0
20P MTA156 HDR ASSY FL/ST LF



TE Part # 5-641120-0
20P MTA156 HDR ASSY FL/ST LF



TE Part # 5-641209-0
20P MTA156 HDR ASSY FL ST LF



TE Part # 5-641210-0
20P MTA156 HDR FLRA FB 30AU LF

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 # 52410-1
PIDG SP SPD 22-16COMM22-18MIL8



TE Part # 5205817-1
KIT SCREWLOCK FEMALE



TE Part # 60465-2
250 FASTON TAB TPBR



TE Part # 34150
PG R 22-16 COMM 22-18 MIL 1/4



TE Part # 1-322249-1
PG SPDFLG 22-16COMM 22-18MIL 6



TE Part # 1-1393249-1
W58-XB1A4A-2=W58



TE Part # 4-1393117-8
KUP-11D15-5=KU



TE Part # 36150
PIDG R 22-16 COMM 22-18 MIL 6



TE Part # 34109
SOLIS R 22-16 COMM 22-18MIL 10

Documents

Product Drawings

20P SL156 HSG W/LCK RAMP NATL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-640250-0_AR_c-2-640250-0-ar.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-640250-0_AR_c-2-640250-0-ar.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-640250-0_AR_c-2-640250-0-ar.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English