



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Housings



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

Number of Positions: **6**

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

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

Number of Rows: **1**

## Features

### Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Product Type	Connector
Connector Style	Receptacle
Connector Type	Housing
Strain Relief	Without

### Configuration Features

Number of Positions	6
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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### Body Features

Color	Natural
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### Contact Features



Contact Layout	Inline
Contact Current Rating (Max)	6.5 A
Contact Type	Socket

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

Wire Size	.0509 – .823 mm <sup>2</sup>
Height	6.35 mm
	.933 in

#### Usage Conditions

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

Circuit Application	Power & Signal
For Use With	SL .156 Contacts

#### Industry Standards

CSA Rating	Certified
CSA File Number	LR 7189



UL Flammability Rating	UL 94V-0
UL Rating	Listed
UL File Number	E28476
Agency/Standard	CSA, UL

### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Other

Comment	Unit Accepts 1.14[.045] Square or Round Post, Accepts Keying Plug 640254-1 and 640255-1
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### 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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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

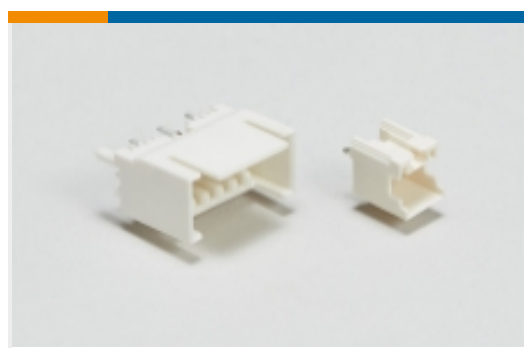
#### Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



Rectangular Power Connectors(18)

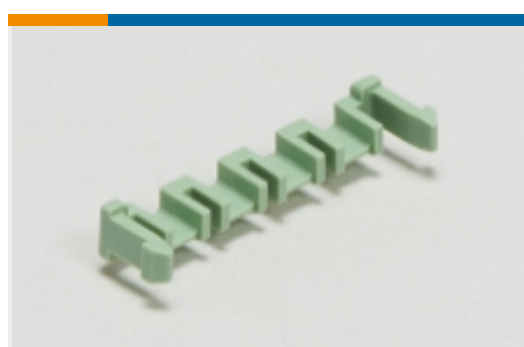


Wire-to-Board Headers & Receptacles(16)

## Also in the Series | SL-156



PCB Connector Keying(2)



PCB Latches, Locks & Retainers(1)



Rectangular Connector Housings(12)



Rectangular Connector Keying Plugs(1)



Wire-to-Board Connector Contacts(24)



Wire-to-Board Connector Housings(157)

## Customers Also Bought



TE Part #640250-5  
05P SL156 HSG W/LCK  
RAMP NATL



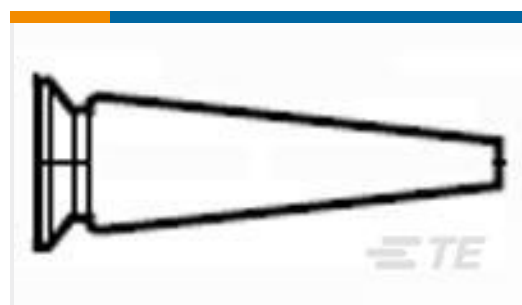
TE Part #640250-3  
03P SL156 HSG W/LCK  
RAMP NATL



TE Part #640250-4  
04P SL156 HSG W/LCK  
RAMP NATL



TE Part #640445-6  
06P MTA156 HDR ASSY FL  
/STR SN



TE Part #640254-1  
KEYING PLUG .045 SQ  
PST CONN



TE Part #2-520405-2  
ULTRA-FAST 250 ASY REC  
22-18 TPBR



TE Part #2-520181-2  
ULTRA-FAST 187 ASY REC  
22-18 AWG TPBR



TE Part #3-640252-1  
045 POST CONT  
0126PTPBR



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



TE Part #640252-2  
SL-156 RECEPTACLE

## Documents

### Product Drawings

06P SL156 HSG W/LCK RAMP NATL

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_640250-6\\_AR\\_c-640250-6-ar.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640250-6\\_AR\\_c-640250-6-ar.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_640250-6\\_AR\\_c-640250-6-ar.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

### Product Specifications

Application Specification

English

### Product Environmental Compliance

TE Material Declaration

English



Agency Approvals

Agency Approval Document

English