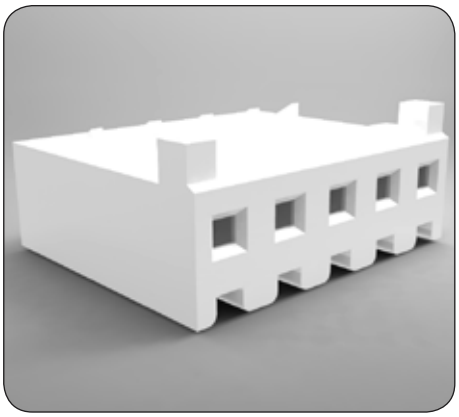


SL-156 5-Posn Retainer Housing with Lock Ramp, Tabs, part number 2132189-5



SL-156 Breakaway Contact Retainer (20-Posn), part number 2-2132074-0

Introducing
SL-156 Connector with TPA Device

TE Connectivity (TE) introduces its new generation of SL-156 wire-to-board crimp connectors with Terminal Position Assurance (TPA) device. The new housing design extends the existing SL-156 family and is fully compatible with SL-156 and MTA-156 board headers. The new housing can therefore be used as a drop-in replacement with existing headers. There is no need to change the printed circuit board (PCB) of an application.

New design features of the SL-156 housings with TPA help the shop floor workers to achieve a constant level of interconnection quality. The single-row connectors with a .156" (3.96 mm) contact pitch are available with 2 to 12 positions and are rated for up to 250VAC and up to 10 amps. Breakaway style retainers add the TPA function to secure the contacts in the housing cavity against backing out. Polarization tabs make sure that housing and header are mated correctly.

SL-156 connectors with TPA are modular products, consisting of housing, tin- or gold-plated terminals (contacts) and secondary locking device. During the installation sequence the wire is crimped to the terminal and the terminated wire is inserted into the housing cavity where it locks in place. The new housing design prevents the worker from accidentally inserting the terminal upside down because the cavity can only be loaded in one way.

KEY FEATURES

- .156" centerline (3.96 mm)
- 2 - 12 positions for discrete wires AWG 24 to 18
- Voltage up to 250 V
- Current up to 10 A
- Locking ramp
- Polarization tabs
- Terminals can only be loaded one way
- 20-position breakaway Terminal Position Assurance (TPA)
- Housing color white

APPLICATIONS

- Household appliances
- HVAC
- Industrial machinery (e.g. control boards)

ELECTRICAL

- Voltage rating: 250 VAC
- Current rating: 10 A

MECHANICAL

- Positions: 2 to 12 (single row)
- Wire size: 24 to 18 AWG discrete wire
- Centerline: .156" (3.96 mm)
- Breakaway style TPA 20 positions
- Operating temperature: -55 to 105 °C

MATERIALS

- Housing: UL94V-0 rated nylon
- Contacts: Tin-plated Phos Bronze, Gold also available

STANDARDS

- CSA approved
- UL recognized

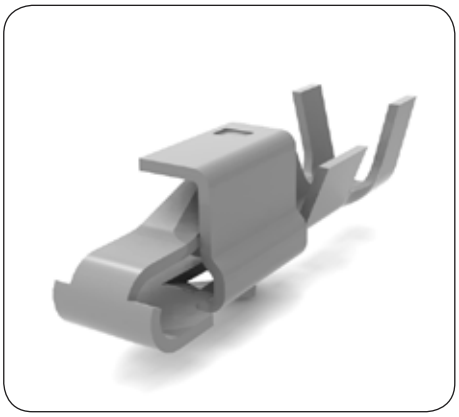
SAMPLES NOW AVAILABLE

te.com/products/SL156

7-1773461-7 CIS SP 08/2011

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SL-156 Recp Contact Phos Bronze Bright Tin Lead, part number 770476-1

SPECIFICATIONS

- Product specification: 108-1049
- Application specification: 114-1021
- Instruction sheet: 408-10426

PRODUCT OFFERING

Part number	Description
2-2132074-0	SL-156 Breakaway Contact Retainer (20-Posn)
770476-1	SL-156 Recp Contact Phos Bronze Bright Tin Lead
770476-2	SL-156 Recp Contact Phos Bronze Bright Tin Gold Plated
3-770476-1	SL-156 Recp Contact Phos Bronze Bright Tin RoHS
2132189-2	SL-156 2-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-3	SL-156 3-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-4	SL-156 4-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-5	SL-156 5-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-6	SL-156 6-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-7	SL-156 7-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-8	SL-156 8-Posn Retainer Housing w/Lock Ramp, Tabs
2132189-9	SL-156 9-Posn Retainer Housing w/Lock Ramp, Tabs
1-2132189-0	SL-156 10-Posn Retainer Housing w/Lock Ramp, Tabs
1-2132189-1	SL-156 11-Posn Retainer Housing w/Lock Ramp, Tabs
1-2132189-2	SL-156 12-Posn Retainer Housing w/Lock Ramp, Tabs

APPLICATION TOOLING

Part number	Description
58619-[ ]	PRO-CRIMPER III Hand Tool
1426112-[ ]	HDI Quick Change Miniature Applicator
354500-[ ]	AMP-O-LECTRIC Model “G” Terminating Machine
90471-1	Extraction Tool
1320895-[ ]	Stripper-Crimper Machine
91598-1	Certi Crimp 2 Hand Tool
1725950-[ ]	AMP 3K Press
1725900-[ ]	AMP 5K Press
528324-[ ]	Komax Gamma 333 PC

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ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709