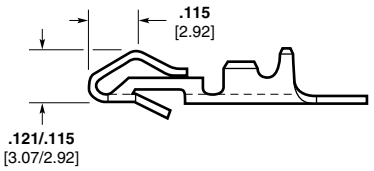
SL-156 Crimp Contacts and Keying Plugs

Contacts

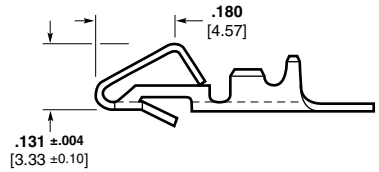
Material and Finish

.012 [0.3] bright tin plated brass or phosphor bronze; .012 [0.3] pre-tin brass; or .012 [0.3] brass or phosphor bronze with .000030 [0.00076] gold over nickel (see chart)

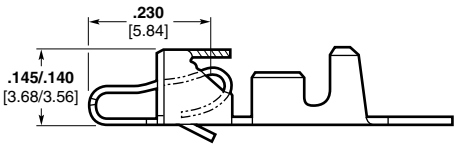
- All tin-plated contacts are post lubricated to resist fretting corrosion
- Maximum insulation diameter is .105 [2.67]
- Wire range is 18-30 AWG [0.9-0.06 mm²]



A
High Force
(6.5 Amp Max. Current Rating)



B
Low Force
(6.5 Amp Max. Current Rating)



C
Hooded (Dual Wipe)
(10 Amp. Max. Current Rating)

Wire Size AWG mm²	Contact	Material and Finish	Part Numbers Strip	Part Numbers Loose Piece
24–30 0.2-0.06	A	brass, pre-tin plated	641550-1	—
18–24 0.9-0.2	A	brass, bright tin plated	640252-1	640706-1
		brass, pre-tin plated	640252-2	640706-2
		brass, **RoHS Compliant**	3-640252-1	3-640706-1
	B	brass, bright tin plated	350980-1	640707-1
		brass, pre-tin plated	350980-2	—
		brass, gold plated	350980-3	770258-1
		brass, **RoHS Compliant**	3-350980-1	3-640707-1
	C	phosphor bronze, bright tin plated	770476-1	770522-1
		phosphor bronze, gold plated	770476-2	770522-2
		phosphor bronze, **RoHS Compliant**	3-770476-1	3-770522-1

Application Note

Part No. 640252 has a higher mating and unmating force than Part No. 350980 and is recommended to be used only in housings with 1 through 12 positions.
Part No. 350980 can be used in any size housing but is recommended to be used in housings with 13 through 24 positions.
Part No. 770476 is recommended for use in any size housing. Its mating force is similar to Part No. 350980 while unmating force is similar to 640252.

For housings, see pages 60 and 61.

Application Tooling

Extraction Tool
Part No. 90471-1

Loose Piece Contacts —

PRO-CRIMPER II Hand Tool
Part No. 58614-1 (408-4228)
[For field service use only]

For CERTI-CRIMP hand tool, contact Technical Support.

Strip Contacts —

AMP-O-LECTRIC Model "G" Termination Machine* Applicator 680211-3 (Request Catalog 65828)

AMP-O-LECTRIC Model "K" Termination Machine* Applicator 466468-2

AMP-O-MATIC Stripper-Crimper Machine* SCA 466947-1 or 567828-1 (with CQM) (Request Catalog 65004)

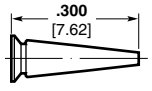
AMPOMATOR CLS IV+ Lead Making Machine* Applicator 466468-1 (Request Catalog 82659)

*Requires applicators. For part numbers, call Technical Support.

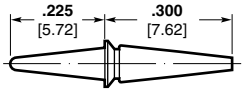
Keying Plugs

Material (RoHS Compliant)

UL94V-2 rated, nylon, natural color



Keying Plug
Part No. 640254-1



Keying Pin
Part No. 640255-1

Catalog 82056
Revised 6-08

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 52-55-1106-0800
C. America: 57-1-254-4444

South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-208-420-8341