

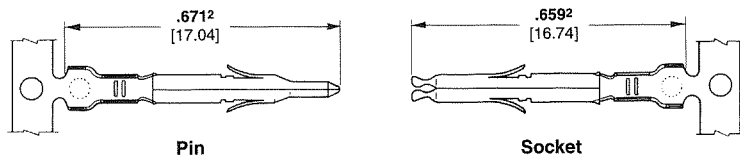
Mini-Universal MATE-N-LOK Connectors (Continued)

Contacts

Pin diameter .039 [0.99]

Material

Brass or Phosphor bronze
Stock Thickness .008 [0.20]
These contacts are to be used in Mini-Universal MATE-N-LOK Plug or Cap housings only.



Related Product Data

Product Specifications

108-1542 Mini-Universal MATE-N-LOK Connectors
108-1543 Mini-Universal MATE-N-LOK Headers

Application Specification

114-16017 Mini-Universal MATE-N-LOK Connectors

Performance Characteristics — pages 79-80

Housings — pages 83-85

Technical Documents — pages 79 and 199-200

Application Tooling — pages 201-204

Wire Size Range AWG [mm ²]	Ins. Dia. Range	Material and Finish	Contact Part Numbers				HDM Applicator Part No.	Hand Tool Part No.
			Pin		Socket			
			Strip Form	Loose Pieces	Strip Form	Loose Pieces		
30-26 [.05-.12]	.035-.050 [.889-1.27]	Brass, Pre-tin	770835-1	794059-1	770834-1	794058-1	567418-13	90717-2
		Phos. Brz., Pre-tin	—	—	770834-4	—	567418-2 ³	
		Brass, Duplex ¹	1-770835-0	1-794059-0	1-770834-0	1-794058-0	567418-3 ³	
26-22 [.12-.3]	.047-.069 [1.19-1.75]	Brass, Pre-tin	770901-1	770985-1	770902-1	770986-1	567066-3 ⁴	91529-1
		Phos. Brz., Pre-tin	—	—	1-770902-4	—	567066-4 ⁴	
		Brass, Duplex ¹	1-770901-0	1-770985-0	1-770902-0	1-770986-0	567066-5 ⁴	
22-18 [.3-.8]	.059-.094 [1.50-2.39]	Brass, Pre-tin	770903-1	770987-1	770904-1	770988-1	567067-1 ³	91522-1
		Phos. Brz., Pre-tin	—	—	770904-4	—	567067-2 ³	
		Brass, Duplex ¹	1-770903-0	1-770987-0	1-770904-0	1-770988-0	567067-3 ³	
22 x (2) [.3]	.067 x (2) [3.38]	Brass, Duplex ¹	—	—	1-770904-1	—	—	—
		Phos. Brz., Duplex ¹	—	—	—	—	—	—
		Brass, Pre-tin	794406-1 ²	171638-1 ²	794407-1 ²	171639-1 ²	680582-2 ³	—
20-16 [.5-1.2]	.079-.126 [2.01-3.20]	Phos. Brz., Pre-tin	—	—	794407-4 ²	—	680582-2 ³	—
		Brass, Duplex ¹	1-794406-0 ²	—	1-794407-0 ²	—	680582-3 ³	91536-1
		Phos. Brz., Duplex ¹	—	—	1-794407-1 ²	—	—	—

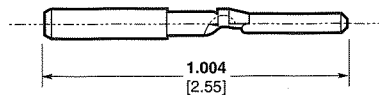
¹ Duplex Finish — Plated with .000030 [.000762] min. gold in mating area and .000100 [.00254] min. tin in crimping area over .000050 [.00127] min. nickel underplate on entire contact.
² .671 [17.04] and .659 [16.74] dimensions are .689 [17.50] for indicated part numbers.
³ HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-ELECTRIC Model G Machine. See pages 201-204 for further information.
⁴ HDM Applicator part number ending in -3 is used on AMPOMATOR CLS Machine with T or G Terminators, -4 is used on AMP-O-LECTRIC Model K Machine, -5 is used on AMP-O-LECTRIC Model G Machine. See pages 201-204 for further information.

Note: All part numbers are RoHS Compliant.

Keying Plug

Material

UL94V-0 Nylon, white color

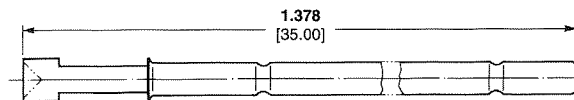


Part Number
174670-1

Test Probe Contact

Material and Finish

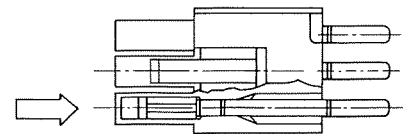
Phosphor bronze, nickel plated



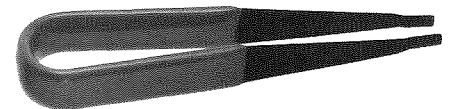
Part Number
172971-1

Notes:

1. The test probe is inserted into the housing in the same direction as indicated by the arrow shown to the right.
2. The test probe can be used in the Cap or Plug Housing.
3. Test probes are supplied unassembled.



Contact Extraction Tool
No. 189727-1
IS 408-4118



Contact Insertion Tool
(For inserting contacts applied to small diameter wire)
No. 91002-1
IS 408-7347