

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

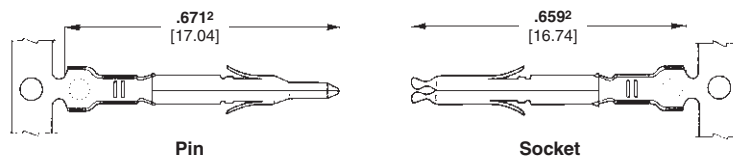
Performance Characteristics—

pages 83-84

Housings — pages 87-89

Technical Documents—pages 83 and 205-206

Application Tooling—pages 207-210



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	567418-1 ³	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	
		Phos. Brz., Duplex ¹	—	—	1-770834-1	—		
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	—	—	770902-4	—	567066-4 ⁴	
		Brass, Duplex ¹	1-770901-0	1-770985-0	1-770902-0	1-770986-0	567066-5 ⁴	
		Phos. Brz., Duplex ¹	—	—	1-770902-1	—		
22-18 [.3-.8] or 22 x (2) [.3]	.059-.094 1.50-2.39 or .067 x (2) 3.38	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	
		Phos. Brz., Duplex ¹	—	—	1-770904-1	—		
20-16 [.5-1.2] or 20 x (2) [.5]	.079-.126 2.01-3.20 or .075 x (2) 1.91	Brass, Pre-tin	794406-12	171638-12	794407-12	171639-12	680582-2 ³	91536-1
		Phos. Brz., Pre-tin	—	—	794407-42	—	680582-3 ³	
		Brass, Duplex ¹	1-794406-02	—	1-794407-02	—		
		Phos. Brz., Duplex ¹	—	—	1-794407-12	—		

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 207-210 for further information.

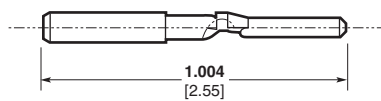
⁴ HDM Applicator part number ending in -3 is used on AMPOMATOR CLS Machine with T or G Terminators, -4 is used on AMP-O-LECTRIC Model K Machine, -5 is used on AMP-O-ELECTRIC Model G Machine. See pages 207-210 for further information.

Note: All part numbers are RoHS Compliant.

Keying Plug

Material

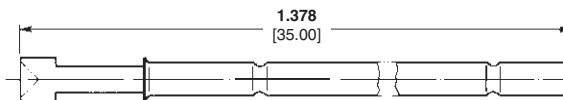
UL94V-0 Nylon, white color


Part Number
174670-1

Test Probe Contact

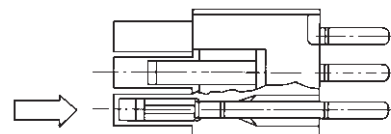
Material and Finish

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