

**Commercial MATE-N-LOK Connectors (Continued)**

**Contacts**

Pin diameter .084 [2.13]  
Stock thickness .012 [.305]  
These contacts are to be used in Commercial MATE-N-LOK housings **only**.

**Related Product Data**

**Product Specification**  
108-1000 Commercial MATE-N-LOK Connectors

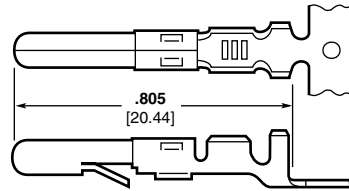
**Application Specification**  
114-1012 Commercial MATE-N-LOK Contacts

**Performance Characteristics**—  
pages 151-152

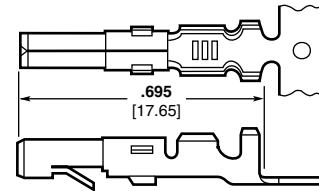
**Housings**—pages 157-159

**Technical Documents**—pages 151 and 205-206

**Application Tooling**—pages 207-210



Pin



Socket

Wire Size Range AWG [mm <sup>2</sup> ]	Ins. Dia. Range	Material & Finish	Contact Part Numbers				HDM Applicator Part No.	Hand Tool Part No.
			Pin		Socket			
			Strip Form	Loose Piece	Strip Form	Loose Piece		
30-22 [.05-.3]	<b>.040-.075</b> 1.02-1.91	Brass, Pre-tin	350079-1	61174-1	350078-1	61173-1	466426-1 <sup>3</sup> 466426-2 <sup>3</sup> 466426-3 <sup>3</sup>	91515-1
		Phos. Brz., Pre-tin	350079-4	—	350078-4	61173-4		
		Brass, Gold <sup>1</sup>	350079-5	61174-5	350078-5	61173-5		
		Brass, Pre-tin	61116-1	60618-1	61314-1	60617-1		
24-18 [.2-.8]	<b>.060-.100</b> 1.52-2.54	Phos. Brz., Pre-tin	61116-4	60618-4	61314-4	60617-4	466320-1 <sup>3</sup> 466320-2 <sup>3</sup> 466320-4 <sup>3</sup>	91512-1 91528-1 <sup>4</sup>
		Brass, Gold <sup>1</sup>	61116-5	60618-5	61314-5	60617-5		
		Phos. Brz., Select Gold <sup>2</sup>	61116-6	60618-6	61314-6	60617-6		
		Brass, Select Gold <sup>2</sup>	61116-7	—	61314-7	—		
20-14 [.5-2.0]	<b>.100-.130</b> 2.54-3.30	Brass, Pre-tin	61118-1	60620-1	61117-1	60619-1	687763-1 <sup>3</sup> 687763-2 <sup>3</sup> 687763-6 <sup>3</sup>	91504-1
		Phos. Brz., Pre-tin	61118-4	60620-4	61117-4	60619-4		
		Brass, Gold <sup>1</sup>	61118-5	60620-5	61117-5	60619-5		
		Phos. Brz., Gold <sup>1</sup>	61118-6	—	61117-6	60619-7		
		Brass, Select Gold <sup>2</sup>	61118-7	—	61117-7	—		
(2) 18 [.8] or (2) <b>.115 Max.</b> (1) 18 [.8] and 2.92 (1) 16 [1.2] (stacked)		Brass, Pre-tin	350558-1	350639-1	350557-1	—	687898-1 <sup>3</sup> 687898-2 <sup>3</sup> 687898-4 <sup>3</sup>	91504-1
		Phos. Brz., Pre-tin	350558-4	—	350557-4	350638-4		

<sup>1</sup>Gold Finish—Plated with .000030 [.000762] min. gold in mating area and inside wire barrel over .000050 [.00127] min. nickel underplate on entire contact.

<sup>2</sup>Select Gold Finish—Plated with .000030 [.000762] min. gold in mating area over .000050 [.00127] min. nickel underplate on entire contact.

<sup>3</sup>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, -4, or -6 is used on AMP-O-LECTRIC Model G Machine. See pages 207-210 for further information.

<sup>4</sup>Use Hand Tool No. 91528-1 for .043-.075 [1.09-1.90] insulation diameter.

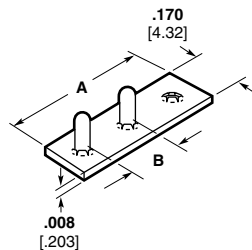
**Notes:**

1. Extraction Tools: Pins — No. **1-305183-1** (IS 408-7158); Sockets — No. **1-305183-2** (IS 408-7158); Pins and Sockets — No. **465644-1** (IS 408-7211)
2. Insertion Tools: No. **455830-1** (IS 408-7984)

**Commoning Tabs**

**Material and Finish**

Brass, tin plated  
Stock thickness .008 [.203]



Number of Holes	Dimensions		Part Number
	A	B	
2	<b>.377</b> 9.58	<b>.203</b> 5.16	60843-1
2	<b>.355</b> 9.02	<b>.195</b> 4.95	350444-1
3	<b>.579</b> 14.71	<b>.203</b> 5.16	60842-1
3	<b>.550</b> 13.97	<b>.195</b> 4.95	350444-2

**Note:** Commoning tabs are designed to be used with pin housings.

**Note:** All part numbers are RoHS Compliant.