

tyco Electronics AMP

Commercial MATE-N-LOK Connectors

(Continued)

Contacts

Pin Diameter — .084 [2.13]
 Stock Thickness — .012 [.305]



Pin



Socket

Wire Size Range AWG [mm²]	Ins. Dia. Range	Material & Finish	Contact Part Numbers				Hand Tool Part No.
			Pin		Socket		
			Strip Form	Loose Form	Strip Form	Loose Form	
30-22 [.05-.3]	.040-.075 1.02-1.91	Brass, Pre-tin	350079-1	61174-1	350078-1	61173-1	90066-8
		Phos. Brz., Pre-tin	350079-4	—	350078-4	61173-4	
		Brass, Gold¹	350079-5	61174-5	350078-5	61173-5	
		Brass, Pre-tin	61116-1	60618-1	61314-1	60617-1	
24-18 [.2-.8]	.060-.100 1.52-2.54	Phos. Brz., Pre-tin	61116-4	60618-4	61314-4	60617-4	90123-2
		Brass, Gold¹	61116-5	60618-5	61314-5	60617-5	90123-5³
		Phos. Brz., Select Gold²	61116-6	60618-6	61314-6	60617-6	90574-1*
		Brass, Select Gold²	61116-7	—	61314-7	—	
20-14 [.5-2.0]	.100-.130 2.54-3.30	Brass, Pre-tin	61118-1	60620-1	61117-1	60619-1	5/5755
		Phos. Brz., Pre-tin	61118-4	60620-4	61117-4	60619-4	90124-2*
		Brass, Gold¹	61118-5	60620-5	61117-5	60619-5	90575-1*
		Phos. Brz., Gold¹	61118-6	—	61117-6	60619-7	
		Brass, Select Gold²	61118-7	—	61117-7	—	
(2) 18 [.8] or (1) 18 [.8] and (1) 16 [1.2]	(2) .115 Max. 2.92 (stacked)	Brass, Pre-tin	350558-1	350639-1	350557-1	—	90124-2*
		Phos. Brz., Pre-tin	350558-4	—	350557-4	350638-4	90575-1*

¹Gold Finish — Plated with .000030 [.00076] min. gold in mating area and inside wire barrel over .000050 [.00127] min. nickel underplate on entire contact.

²Select Gold Finish — Plated with .000030 [.00076] min. gold in mating area over .000050 [.00127] min. nickel underplate on entire contact.

³Use Hand Tool Part No. 90123-5 for .043-.075 [1.09-1.91] insulation diameter.

Notes: 1. Extraction Tools: Pins — Part No. 1-305183-1; Sockets — Part No. 1-305183-2; Pins and Sockets — Part No. 465644-1

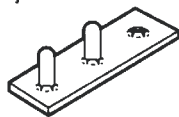
2. Insertion Tools: Part No. 455830-1

3. These contacts are to be used in commercial MATE-N-LOK housings only.

*PRO-CRIMPER II Hand Tool for maintenance and field repair use only.

Commoning Tabs

Stock Thickness—
 .008 [.203]



Number of Holes	Part Numbers
2	60843-1
2	350444-1
3	60842-1
3	350444-2

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

Pc Board Contacts

Pin Diameter—.084 [2.13]
 Stock Thickness—.012 [.305]



Pin



Socket

Type of Contact	Material & Finish	Part Numbers	
		Pin	Socket
		Loose Form	Loose Form
Pc Board	Phos. Brz., Pre-Tin	61518-1 ¹	61320-1 ¹
	Phos. Brz., Pre-Tin	350074-1 ²	350073-1 ²

¹For .062 [1.57] max. board thickness — Board hole size .057 [1.45]

²For .125 [3.14] max. board thickness — Board hole size .057 [1.45]

Note: These contacts are to be used in Commercial MATE-N-LOK housings only.

Grounding Pin

Keying Plug



Part Number
 200221-1



Wire Size Range AWG [mm²]	Ins. Dia. Range	Material & Finish	Contact Part Numbers		Hand Tool Part No.
			Strip Form	Loose Form	