

## Splash Proof/Sealed Universal MATE-N-LOK Connectors (Continued)

### Contacts Used With Splash Proof Seals

Solid pin diameter 2.13 [.084]

Split pin diameter 2.18 [.086]

Stock thickness .305 [.012] unless otherwise specified

These contacts can be used in either Universal MATE-N-LOK Plug or Cap housings only

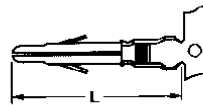
### Related Product Data:

#### Product Specification

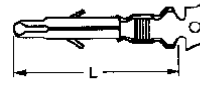
108-1031 Universal MATE-N-LOK Connectors

#### Application Specification

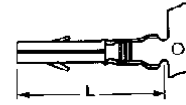
114-1010 Universal MATE-N-LOK Contacts



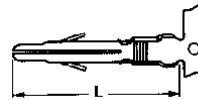
Solid Pin



Split Pin



Solid Socket



Grounding Pin

2.54 [.100] longer than standard pin  
(Mate first, break last, not for interrupting current)

Wire Size Range AWG/mm <sup>2</sup>	Ins. Dia. Range	L Dim.		Material & Finish	Style	Contact Part Numbers				HDM Applicator Part No.	Hand Tool Part No.
		Pin	Socket			Pin		Socket			
						Strip Form	Loose Form	Strip Form	Loose Form		
.2-8 24-18	1.52-2.54 .060-.100	20.06 .790	19.30 .760	Brass, Pre-tin	Solid	350561-1	350690-1	350851-1 350570-14	350689-14	466320-1 <sup>3</sup> 466320-2 <sup>3</sup> 466320-4 <sup>3</sup>	90300-2
				Brass, Gold <sup>1</sup>		350561-2	350690-2	350851-2 350570-24	64034/-2 350689-24		
				Brass, Select Gold <sup>2</sup>		350561-7	350690-7	350851-7 350570-74	350689-74		
				Phos. Brz., Pre-tin		350561-3	350690-3	350570-34	350689-34		
				Phos. Brz., Select Gold <sup>2</sup>		—	—	350570-64	—		
.2-8 24-18	1.52-2.54 .060-.100	20.06 .790	—	Brass, Pre-tin	Split	350699-1	350706-1	—	—	466320-1 <sup>3</sup> 466320-2 <sup>3</sup> 466320-4 <sup>3</sup>	90300-2
				Brass, Gold <sup>1</sup>		350699-2	350706-2	—	—		
				Brass, Select Gold <sup>2</sup>		350699-7	350706-7	—	—		
.2-8 24-18	1.52-3.30 .060-.130	22.60 .890	—	Brass, Pre-tin	Ground	770210-1	—	—	—	567216-2 <sup>3</sup> 567216-3 <sup>3</sup>	—
				Brass, Pre-tin		350218-1	350547-1	350536-1	350550-1		
.5-2.0 20-14	1.52-3.30 .060-.130	20.06 .790	19.30 .760	Brass, Gold <sup>1</sup>	Solid	350218-2	350547-2	350536-2	350550-2	687763-1 <sup>3</sup> 687763-2 <sup>3</sup> 687763-6 <sup>3</sup>	90296-2
				Brass, Select Gold <sup>2</sup>		350218-7	350547-7	350536-7	350550-7		
				Phos. Brz., Pre-tin		350218-3	350547-3	350536-3	350550-3		
				Phos. Brz., Select Gold <sup>2</sup>		350218-6	350547-6	350536-6	350550-6		
				Brass, Pre-tin		350687-1	350705-1	—	—		
				Brass, Gold <sup>1</sup>		350687-2	350705-2	—	—		
				Brass, Select Gold <sup>2</sup>		350687-7	350705-7	—	—		
				Brass, Pre-tin		350684-1	350669-1	—	—		

<sup>1</sup>Gold Finish—Plated with 0.000762 [.000030] min. gold in mating area and inside wire barrel over 0.00127 [.000050] min. nickel underplate on entire contact.

<sup>2</sup>Select Gold Finish—Plated with 0.000762 [.000030] min. gold in mating area and inside wire barrel over 0.00127 [.000050] 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,

-4 & -6 are used on AMP-O-LECTRIC Model G Machine. See pages 72-73 for further information.

<sup>4</sup>Socket Contact—0.254 [.010] stock thickness

### Notes:

- AMP recommends split pins be used in housings having 6, 8, 12 and 15 circuits to reduce mating force.
- Phosphor bronze material contacts are available for use in high temperature/humidity cycling applications, consult AMP.

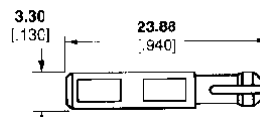
### UMNL II Keying Plug/ Splash Proof Sealing Plug

#### Related Product Data:

Housings—page 55

Instruction Sheets

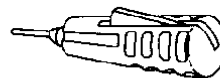
408-3392



Part Number 770377-1  
UL 94V-0 Nylon material



Seal Latch Tool  
Part No. 794381-1  
IS 408-3392



Contact Extraction Tool  
Part No. 318851-1  
IS 408-4370



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