

# Wire to Board Connectors

## Universal MATE-N-LOK Connectors

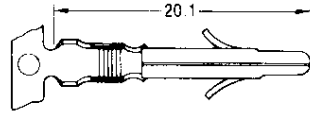
### Wire Application Side

#### Contacts

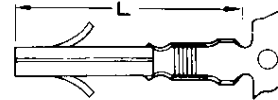
Pins and sockets can be used in either plug or cap housings.

**Pin Dia. :** 2.1mm

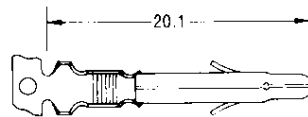
**Stock Thickness :** 0.3\*



**Solid Pin**



**Socket**



**Split Pin**

Wire Range AWG (mm <sup>2</sup> )	Ins. Dia. Range	Materia/Finish	Strip Form Contact No.		Loose Piece Contact No.		Hand Tool Part No.
			Pin	Socket	Pin	Socket	
24-18 (0.20-0.89)	1.02-2.54	Brass*/Pre-Tin	350699-1†	350570-1	350706-1†	350689-1	91574-1
		Brass*/Sel. Gold§	350699-2†	350570-2	350706-2†	350689-2	91510-1
		Brass*/Sel. Gold	350699-7†	350570-7	350706-7†	350689-7	114-1010
		Phos. Brz.*/Pre-Tin	350561-3	350570-3	350690-3	350689-3	
20-14 (0.50-2.27)	1.52-3.30	Brass/Pre-Tin	350687-1†	350536-1◆	350705-1†	350550-1	
		Brass/Sel. Gold§	350687-2†	350536-2	350705-2†	350550-2	91575-1
		Brass/Sel. Gold	350687-7†	350536-7	350705-7†	350550-7	91500-1
		Phos. Brz./Pre-Tin	350218-3	350536-3	350547-3	350550-3	114-1010
		Phos. Brz./Sel. Gold	350218-6	350536-6	350547-6	350550-6	

† Split pin.

\* Socket Contact—0.25mm stock thickness.

§ Selective gold in mating area and inside wire barrel.

◆ Contact with swage set in the lance portion P/N 170499-1 (tin-plated brass) is also available.

Note : Phosphor bronze should be used in high temperature/humidity cycling applications.

Contact Extraction Tool Part No. 318851-1, Contact Insertion Tool Part No. 455830-1.