

Wire to Board Connectors

Universal MATE-N-LOK Connectors

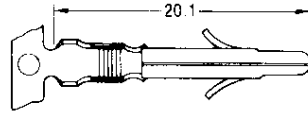
Wire Application Side

Contacts

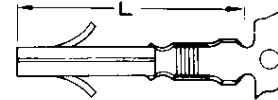
Pins and sockets can be used in either plug or cap housings.

Pin Dia. : 2.1mm

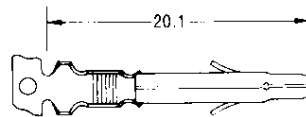
Stock Thickness : 0.3*



Solid Pin



Socket



Split Pin

| Wire Range AWG (mm ²) | 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.