

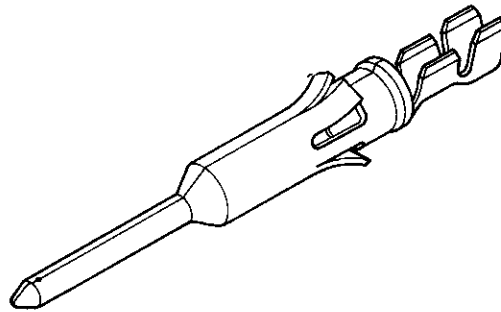
Multimate Contacts

Type VI Contacts

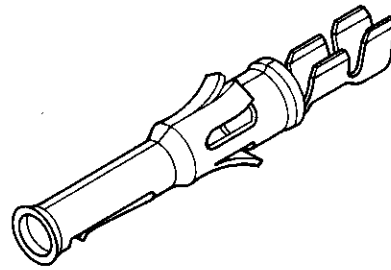
Contact size — 16
Pin diameter — .062 [1.57]
Test current — 13 amperes*
Material — Copper alloy

Contact Finish:

A — Tin
B — Gold flash over .000050 [0.00127] nickel on entire contact with .000030 [0.00076] selective gold plating on contact area



Pin



Socket

*Note: Current carrying capability depends on wire size, connector size and ambient temperature.

Wire Size Range ¹		Ins. Dia. Range	Contact Finish	Contact Part Number (reeled for AMP Standard Applicator)		Contact Part Numbers (reeled for AMP Quick-Change Applicator)		Loose Piece Contact Part No.		Tooling Part Numbers Hand Tool
AWG	[mm ²]			Pin	Socket	Pin	Socket	Pin	Socket	
28-26	0.08-0.15	.035-.055 0.89-1.4	A	66585-1	—	66585-2	—	—	—	91515-1 58495-1 ³
			B	—	—	66585-4	66586-4	66595-2	66596-2	
24-20	0.2-0.6	.040-.080 1.02-2.03	A	66583-1	66584-1	66583-2	66584-2	66593-1	66594-1	91515-1 58495-1 ³
			B	—	—	66583-4	66584-4	66593-2	66594-2	
22-18	0.3-0.9	.055-.110 1.40-2.79	A	66581-1	66582-1	66581-2	66582-2	66591-1	66592-1	90327-1
			B	—	—	66581-4	66582-4	66591-2	66592-2	
18-16	0.8-1.4	.080-.100 2.03-2.54	A	66579-1	66580-1	66579-2	66580-2	66589-1	66590-1	91515-1 58495-1 ³
			B	—	—	66579-4	66580-4	66589-2	66590-2	
14	2	.080-.135 ² 2.03-3.43	A	66577-1	66578-1	66577-2	66578-2	66587-1	—	91550-1
			B	—	—	66577-4	66578-4	66587-2	66588-2	

¹Wire strip length—156 [.396] (all wire sizes).

²Maximum insulation diameter recommended for "G" Series connectors with Multimate contact cavities is .110 [2.79].

³Economy Hand Tool for field repair only.

Insertion Tool Part Number 91002-1 for insulation diameters .070 [1.78] or less.

Extraction Tool Part Number 305183.

Applicator Nos. for Terminating Machines

Wire Size Range		Model K	Model T	Model G	Model Stripper/Crimper
AWG	mm ²				
28-26	0.08-0.15	466321-4	466321-3	466321-6	466908-2
24-20	0.2-0.6	466323-4	466323-3	—	466907-2
22-18	0.3-0.9	466384-4	466384-3	—	466914-1
18-16	0.8-1.4	466325-2	466325-1	466325-5	—
14	2	687997-2 ¹	—	—	—
		687997-4 ¹	—	—	—

¹Insulation Dia. Range—Part Number 687997-2, .080-.105 [2.03-2.67]; Part Number 687997-4, .105-.135 [2.67-3.43].

Pin and Socket Connectors