

AMP Serie <<M>>

**tyco** Electronics **AMP**

AMP <<M>> Series

### Contatti Tipo III+ per prodotti CPC, Metrimate e serie «M»

Il Tipo III+ consiste in un contatto ad aggaffare stampato, per connessioni filo-filo e grandi produzioni a costi ridotti. Il contatto femmina è così composto: ferrule di invito per l'allineamento corretto del contatto maschio, molla esterna di ritenzione che consente un posizionamento rapido e sicuro nel connettore. Una molla d'inserzione di acciaio inossidabile passivato che assicura una pressione di contatto controllata e garantisce una pressione di contatto costante anche dopo diverse inserzioni e disinserizione. I contatti sono forniti su bobina, per applicazioni di serie con utensili automatici e in pezzi sciolti per applicazioni con utensili manuali.



Contatto maschio/Pin



Contatto femmina/Socket

**Diametro del contatto maschio:**  
1,57 mm

**Corrente di prova:** 13 A

**Materiale della molla:**  
acciaio inossidabile

**Pin Diameter:** 1.57 mm

**Test Current:** 13 A

**Spring Material:**  
stainless steel

### Type III + Contacts for "M"-Series, CPC and Metrimate Products

The Type III + contacts are Crimp-on Snap-In, precision formed contacts for high-volume low cost application. Type III + contacts feature bell-mouthed and closed entry socket for correct pin alignment. An external retention spring provides quick and firm seating in the connector block. The cantilever-beam engagement spring of passivated stainless steel ensures controlled contact pressures, which guarantees a virtual constant contact pressure even after frequent insertions. Contacts are supplied in strip form for high-speed-application with automatic machines and in loose piece form for use with hand tools.

### Multimate Contacts Series 1 Type III+ (Crimp)

**Contact Size—16**

**Pin Diameter—**.062 [1.57]

**\*Test Current—13 amperes**  
(Single contact, free-air test current; not to be construed as contact rating current. Use only for testing.)

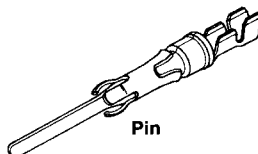
#### Contact Finish:

**A—**.000015 [0.00038] gold on the electrical engagement area over .000050 [0.00127] nickel.

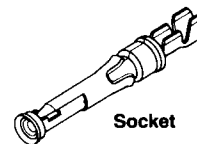
**B—**.000030 [0.00076] gold on the electrical engagement area over .000050 [0.00127] nickel.

**C—**Tin

**\*Note:** Total current capacity of each contact in any given connector is dependent on the heat rise resulting from the combination of electrical loads of all contacts in the connector arrangement and the maximum ambient temperature in which the connector will be operating.



Pin



Socket

Wire Size Range AWG	Ins. Dia. Range [mm <sup>2</sup> ]	Contact Finish Code	Strip Form Contact No.		Loose Piece Contact No.	
			Pin	Socket	Pin	Socket
30-26	0.05-0.15	C	66425-6	66424-6	—	—
		A	66425-7	66424-7	66429-3	66428-3
		B	66425-8	66424-8	66429-4	66428-4
	.014-.030 0.36-0.76	A	66393-7	66394-7	—	—
		B	66393-8	66394-8	66406-4	66405-4
		C	66106-6	66108-6	66107-2	66109-2
26-24	0.12-0.2	A	66106-7	66108-7	66107-3	66109-3
		B	66106-8	66108-8	66107-4	66109-4
		C	98/46303 66102-7	98/46316 66104-7	98/46305 66103-2	98/46320 66105-2
	.035-.055 0.89-1.4	A	66102-8	66104-8	66103-3	66105-3
		B	98/46308 66102-9	98/46328 66104-9	98/46310 66103-4	98/46330 66105-4
		C	66332-5	66331-5	66400-1	66399-1
24-20	0.2-0.6	A	66332-7	66331-7	66400-3	66399-3
		B	66332-8	66331-8	66400-4	66399-4
		C	66564-6	66563-6	66566-2	66565-2
	.080-.100 2.03-2.54	A	—	66563-7	66566-3	66565-3
		B	66564-8	66563-8	66566-4	66565-4
		C	98/46332 66098-7	98/73122 66100-7	5/8990 66099-2	5/8992 66101-2
18-16	0.8-1.4	A	66098-8	66100-8	66099-3	66101-3
		B	98/46298 66098-9	98/46318 66100-9	98/46300 66099-4	98/46315 66101-4
		C	66597-1	66598-1	66602-1	66601-1
18-14 <sup>2</sup>	0.8-2	B	66597-2	66598-2	66602-2	66601-2
		C	66359-6	66358-6	66361-2	66360-2
18-14	0.8-2	A	66359-9	66358-9	66361-3	66360-3
		B	1-66359-0	1-66358-0	66361-4	66360-4

<sup>1</sup> When crimping insulation with diameters greater than .100 [2.54], contacts can only be used for Series 1 connectors (Arrangement No. 23-24), Series 4 connectors (Arrangement Nos. 23-13M, 23-16M and 23-22M) and VDE connectors.

<sup>2</sup> Contacts can only be used for Series 1 connectors (Arrangement No. 23-24), Series 4 connectors (Arrangement Nos. 23-13M, 23-16M and 23-22M) and VDE connectors.

Insertion Tool-Tweezer Style—Part No. 91002-1

Insertion Tool for High Density Application—Part No. 200893-2.

Extraction Tool Part No. 305183