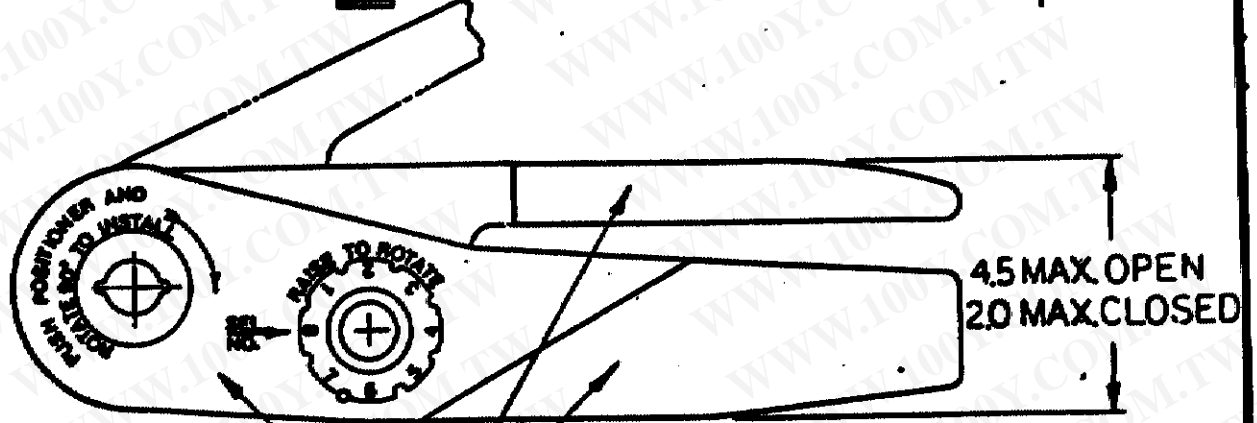
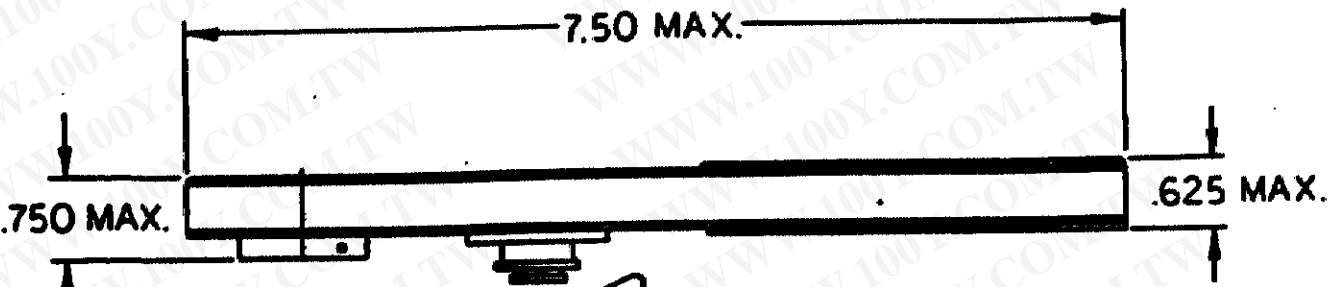


USED ON



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DO NOT SCALE DRAWING

DIE CLOSURE		
SEL.	GO	NO-GO
8	.0390	.0440
7	.0340	.0390
6	.0300	.0350
5	.0260	.0310
4	.0220	.0270
3	.0190	.0240
2	.0160	.0210
1	.0130	.0180

BLUE

AMP ENGINEERING

MAR 20 1988

ISSUED BY

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
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[Http://www.100y.com.tw](http://www.100y.com.tw)

CUSTOMER DRAWING UNPUBLISHED

601966-1 CRIMPING TOOL, AS SHOWN

DWG SIZE	PART NO	DESCRIPTION	ITEM NO
D	601966-1	CRIMPING TOOL, AS SHOWN	
REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)			
QTY REQD PER ASSY		PARTS LIST	
		MATERIAL #	HEAT TREAT #
			FINISH #
		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: .00 = ± .002 .000 = ± .000 .0000 = ± .0000 ANGLES: 30° 30' FRACTIONS: ± 1/64	
		OR <i>Ray J. 6-9-88</i> W. Weir <i>6/12/88</i>	
		AP <i>6-9-88</i> REL <i>320-89</i> AMP PRODUCTS CORPORATION Valley Forge, PA 19422 A Subsidiary of AMP Incorporated	
		NAME CRIMPING TOOL M22520/2-01	
		REMOVE BURRS	
		SCALE A	DWG NO 601966-1
		SHEET # 0	REV 0
P	P	LTR	REVISION RECORD
		APP. DATE	

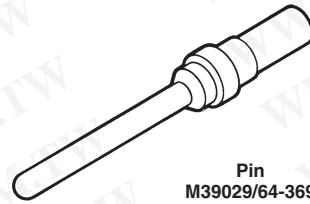
Note: All part numbers are RoHS Compliant.

Signal Contacts (Continued)

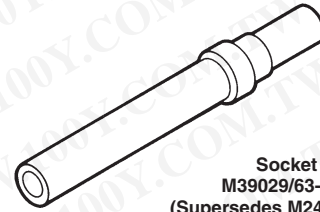
Size 20 DM, Screw-Machined, Crimp Contacts

Pin Diameter—.040 [1.02]

Test Current*—7.5 amperes (Single contact, free-air test current; not to be construed as contact rating current. Use only for testing.)



Pin
M39029/64-369
(Supersedes M24308/11-1)



Socket
M39029/63-368
(Supersedes M24308/10-1)

Material and Finish

Pin Body—Copper alloy per QQ-B-626

Socket Body—Beryllium copper per QQ-C-530

Socket Sleeve—Passivated stainless steel per QQ-S-766

Plating pin and socket body—.000050-.000100 [0.00127-0.00254] min. gold over .000100-.000150 [0.00254-0.00381] min. copper

Gold plating per MIL-G-45204
Copper plating per MIL-C-14550

Type 20 DF, Solder Contacts

Pin Diameter—.040 [1.02]

Test Current*—7.5 amperes (Single contact, free-air test current; not to be construed as contact rating current. Use only for testing.)

Material and Finish

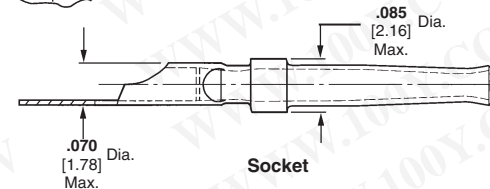
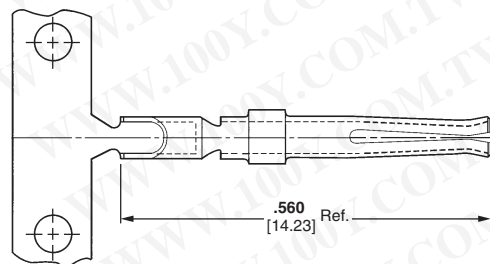
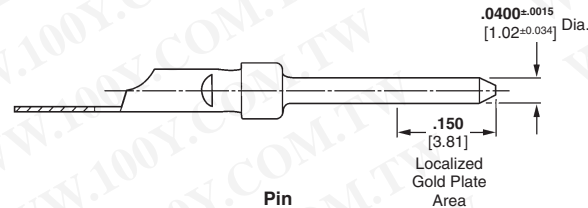
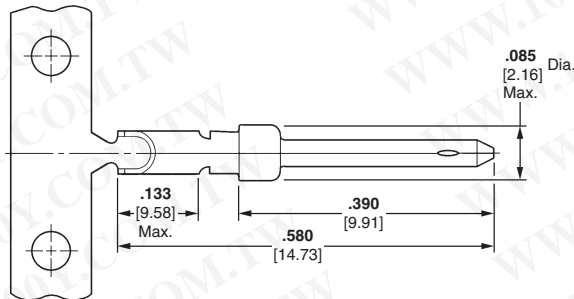
Pin—Brass, plated gold flash over nickel on entire contact with additional .000030 [0.00076] min. gold on mating end

Socket—Phosphor bronze, plated gold flash over nickel on entire contact with additional .000030 [0.00076] min. gold on mating end

***Note:** Total current capacity of each contact in a 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. See page 8.

Wire Size Range ¹ AWG mm ²	Ins. Dia. (Max.)	Contact Configuration	Tape Mounted Contacts ² Part No.	Loose Piece Contacts		Hand Tool Nos.		Positioner Nos.	
				Military No. (M39029)	Part No.	Military (M22520) Part No.	Part No.	Military (M22520) Part No.	Part No.
24-20	0.2-0.6	.068 1.73	Pin 205089-2	64-369	205089-1	02-01	601966-1	2-08	601966-5
			Socket 205090-2	63-368	205090-1				

¹Overall insulation crimp diameter, including crimp barrel, must not exceed .125 [3.18].
².000015 [0.00038] gold in the mating area over .000050 [0.00127] nickel.



Strip Form Contact No.		Loose Piece Contact No.	
Pin	Socket	Pin	Socket
66570-2	66569-2	66570-3	66569-3

Note: Contacts to be soldered to wire before being inserted into housing, 18 AWG [0.8 - 0.9 mm²] max. wire size.