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LOC	DIST	REVISIONS					
DF	DO	P	LTR	DESCRIPTION	DATE	DWN	APVD
		V		REV PER ECO-12-007856	25APR12	PY	RL

WHEN ORDERING CONTACT ON TAPE, ORDER BY THE TAPE NUMBER PLUS THE PACKAGING CODE AS FOLLOWS:

2. FOR USE WITH AMP TAPETRONIC, PNEUMATIC TOOL-
 A. 1000 PARTS TO A BOX ADD PACKAGING CODE: 1MBOX

3. FOR USE WITH 4/8 INDENT STRIPPER CRIMP-
 A. 1000 PARTS TO A REEL ADD PACKAGING CODE: 1MREEL
 B. 5000 PARTS TO A REEL ADD PACKAGING CODE: 5MREEL

1 MATERIAL: COPPER ALLOY PER MIL-C-39029 & MIL-DTL-24308.

2. ALL DIMENSIONS APPLY AFTER PLATING.

3 THIS DRAWING COMPLIES WITH SPECIFICATION MIL-C-39029/64 & M24308/11-1.

4. ALL DIAMETERS CONCENTRIC WITH EACH OTHER WITHIN .004 T.I.R.

5. PIN MATES WITH SOCKET 205090 (MIL-C-39029/63).

6. ALL SURFACES HAVE $\sqrt{63}$ OR BETTER FINISH, UNLESS SHOWN.

7 POINT OF PLATING MEASUREMENT .188 [4.78] FROM TIP OF PIN.

8 PLATING: GOLD PER ASTM-B-488 (TYPEII) OVER NICKEL PER QQ-N-290.

9 PLATING: GOLD PER ASTM-B-488 (TYPEII) OVER COPPER PER MIL-C-14550, CLASS 4.

10 PLATING: GOLD PER ASTM-B-488 (TYPE II, CLASS 0) OVER NICKEL PER QQ-N-290.

11 PLATING:
 MATING AREA: GOLD PER ASTM-B-488 (TYPE II) OVER NICKEL PER QQ-N-290.
 NON MATING AREA: GOLD PER ASTM-B-488 OVER NICKEL PER QQ-N-290.

12 MANUFACTURER'S LOGO ("A" OR "- . .") LOCATION OPTIONAL

Technical drawing of a contact pin with various dimensions and callouts. Key dimensions include diameters (e.g., $\phi.085$, $\phi.073$, $\phi.041$, $\phi.039$, $\phi.020$, $\phi.071$, $\phi.068$, $\phi.046$, $\phi.043$, $\phi.068$, $\phi.065$, $\phi.073$, $\phi.070$, $\phi.041$, $\phi.039$, $\phi.033$, $\phi.029$, $\phi.069$, $\phi.065$), lengths (.185, .150, .032, .026, .055, .049, .010, .003, .049, .040, .325, .321, .549), radii (R.007, R.003), and angles (47°, 43°). Callouts include 7, 12, and 16.

Cross-sectional view of the contact pin showing dimensions: .045 MAX [1.14], .035 [0.89], .020 [0.51], and .032 [0.81], .026 [0.66].

INSPECTION WINDOW THRU ONE WALL ONLY

SECTION X-X

1.168 [29.67]

COLOR BANDS
 PART NO 205089-1 ONLY

ORANGE COLOR CODE BAND
 BLUE COLOR CODE BAND
 WHITE COLOR CODE BAND

WITHOUT COLOR CODE	8	1-205089-1
WITHOUT COLOR CODE	10	1-205089-0
WITHOUT COLOR CODE	9	205089-4
CONTACT ON TAPE	SAME AS -1	205089-2
AS SHOWN	11	205089-1
DESCRIPTION	PLATING	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	25AUG2003	TE Connectivity	
DIMENSIONS: INCHES		CHK	J. KAISER	PIN SIZE 20 CONTACT, AMPLIMITE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	D. MILLER	NAME	
0 PLC	± -	PRODUCT SPEC	D. MILLER	SIZE	
1 PLC	± -	APPLICATION SPEC	10-13-03	CAGE CODE	DRAWING NO
2 PLC	± -	WEIGHT	10-13-03	00779	C=205089
3 PLC	± -	CUSTOMER DRAWING		SCALE	SHEET
4 PLC	± -			10:1	1 of 1
ANGLES	± -				REV
FINISH	-				V

1471-9 (3/11)