

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	47	M	REVISED PER ECO-12-012320	04JUL12	KH MZ

MATING END

SPRING STAINLESS STEEL

TOP & BOTTOM TYP

FERRULE, BRASS, NICKEL FLASH

COLOR CODE DOT, BROWN

BODY BRASS SEE TABLE

20.96 MAX  
[.825]

1.689±0.051 DIA  
[.0665±.0020]

2.87 MAX  
[.113] DIA

1.65 MIN  
[.065] TYP

13.46±0.25  
[.530±.010]

2.16±0.25  
[.085±.010] TYP

2.03±0.25  
[.080±.010]

1.27  
[.050] TYP

1.40 0 -0.13  
[.055 +.000 -0.005]

SECTION A-A

2.16 +0.13 -0.25  
[.085 +.005 -.010]

2.24  
[.088] TYP

SECTION B-B

① 0.76μm [.000030] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH 1.27μm [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 0.76μm [.000030] MIN NICKEL PER QQ-N-290.

② 0.76μm [.000030] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO 0.25μm [.000010] MIN GOLD PER MIL-G-45204 ON THE REMAINDER OVER 0.76μm [.000030] MIN NICKEL PER QQ-N-290.

③ 0.38μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH 1.27μm [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 0.76μm [.000030] MIN NICKEL PER QQ-N-290.

④ GOLD PLATING NEED NOT APPEAR IN THIS AREA.

5. WIRE RANGE 26-30 AWG. INSULATION RANGE 1.02 [.040]-1.52 [.060].

⑥ 0.38μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN, 1.27μm [.000050] MIN TIN-LEAD PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

OBSOLETE	⑥	1-66424-0	66428-5
	①	66424-8	66428-4
	③	66424-3	66428-3
OBSOLETE	②	66424-1	66428-1
	BODY FINISH	STRIP P/N REF	PART NUMBER

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		R. SHIREY		7-30-91	
mm	[INCHES]	0 PLC	± -	CHK	R. STONE	9-19-91		TE Connectivity	
		1 PLC	± -	APVD	J. WESTMAN	9-20-91		NAME	
		2 PLC	± 0.13 [.005]	PRODUCT SPEC		SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+		SIZE	
		3 PLC	± -	APPLICATION SPEC		CAGE CODE		DRAWING NO	
		4 PLC	± -	FINISH		A2		00779	
MATERIAL		FINISH		WEIGHT		SCALE		SHEET	
SEE CALLOUTS		SEE CALLOUTS		-		8:1		1 OF 1	
CUSTOMER DRAWING				REV		M			

1471-9 (3/11)

66428

B

A