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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0	V	REVISED PER ECO-12-012320	04JUL12	KH MZ

MATING END

SPRING STAINLESS STEEL

FERRULE, BRASS, NICKEL FLASH

BODY SEE TABLE

TOP & BOTTOM TYP

SECTION A-A

1.689 ± 0.051 DIA
 [.0665 ± .0020]

20.96 MAX
 [.825]

2.87 MAX
 [.113] DIA

1.65 MIN
 [.065] TYP

13.46 ± 0.25
 [.530 ± .010]

SECTION B-B

10 0.76 μm [.000030] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH 1.27 μm [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 0.76 μm [.000030] MIN NICKEL PER QQ-N-290.

1 0.76 μm [.000030] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER 0.76 μm [.000030] MIN NICKEL PER QQ-N-290.

2 1.27 μm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 0.76 μm [.000030] MIN NICKEL PER QQ-N-290.

3 BRASS PER MIL-C-50.

4 PHOSPHOR BRONZE PER QQ-P-750.

5 GOLD PLATING NEED NOT APPEAR IN THIS AREA.

6 WIRE RANGE 14-18 AWG. INSULATION RANGE 2.79 [.110]-3.81 [.150].

7 0.38 μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN, 1.27 μm [.000050] MIN TIN-LEAD PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END, BOTH OVER 1.27 μm [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

8 1.27 μm [.000050] MIN TIN PER MIL-T-10727 OVER 0.76 μm [.000030] MIN NICKEL PER QQ-N-290.

9 CU-NI ALLOY

PACKAGING	BODY FINISH	BODY MATERIAL	STRIP P/N REF	PART NO.
SMALL PACK	8	3	66598-9	1-66601-3
STANDARD	8	9	1-66598-2	1-66601-2
STANDARD	1	9	1-66598-1	1-66601-0
STANDARD	8	3	66598-9	66601-9
SMALL PACK	10	3	66598-2	66601-8
SMALL PACK	2	3	66598-1	66601-7
OBSOLETE	7	3	66598-8	66601-5
OBSOLETE	1	4	66598-6	66601-4
OBSOLETE	2	4	66598-5	66601-3
STANDARD	10	3	66598-2	66601-2
STANDARD	2	3	66598-1	66601-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.SHIREY 7-31-91	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK R.STONE 9-20-91	NAME SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J.WESTMAN 9-20-91	SIZE A2 CAGE CODE 00779 DRAWING NO C-66601	
0 PLC ± -		PRODUCT SPEC -	RESTRICTED TO -	
1 PLC ± -		APPLICATION SPEC -	SCALE 8:1 SHEET 1 OF 1 REV V	
2 PLC ± 0.13 [.005]		WEIGHT -		
3 PLC ± -		CUSTOMER DRAWING		
4 PLC ± -				
FINISH SEE CALLOUTS				

1471-9 (3/11)

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