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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	47	E2	REVISED PER ECO-11-010839	26MAY11	RK HMR

1.588^{+0.025}_{-0.051} DIA
 [.0625^{+0.0010}_{-0.0020}]
 PIN BODY, BRASS
 SEE TABLE
 SPRING, STAINLESS STEEL
 9.91 MIN
 [.390]
 27.10 ± 0.51
 [1.067 ± 0.020]
 .015 MAX CUT-OFF
 MATING END
 2.87 MAX
 [.113] DIA
 1.65 MIN
 [.065] TYP
 20.24 ± 0.25
 [.797 ± 0.010]

3.68^{+0.13}_{-0.25}
 [.145^{+0.005}_{-0.010}]
 3.05^{+0.25}_{-0.13} TYP
 [.120^{+0.010}_{-0.005}]

SECTION A-A

2.92^{+0.13}_{-0.25}
 [.115^{+0.005}_{-0.010}]
 2.84^{+0.25}_{-0.13} TYP
 [.112^{+0.010}_{-0.005}]

SECTION B-B

1 0.76 μm [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN OVER 1.27 μm [.000050] MIN NICKEL PLATE. GOLD FLASH ALL OVER. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).

2 0.76 μm [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO 0.25 μm [.000010] ON REMAINDER, OVER 1.27 μm [.000050] MIN NICKEL PLATE. GOLD FLASH ALL OVER. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).

3 0.38 μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER 1.27 μm [.000050] MIN NICKEL PER QQ-N-290.

4 GOLD PLATING NOT REQUIRED IN THIS AREA.

5 1.27 μm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27 μm [.000050] MIN NICKEL PER QQ-N-290.

6. WIRE RANGE 18-16 AWG.

7. INSULATION RANGE 2.03 [.080]-2.54 [.100] DIA.

8 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 ON OPPOSITE END FOR A LENGTH OF 5.69 [.224] MIN, BOTH OVER 1.27 μm [.000050] MIN NICKEL PER QQ-N-290.

9 1.27 μm [.000050] MIN TIN PER MIL-T-10727 OVER 1.27 μm [.000050] MIN NICKEL PER QQ-N-290.

SMALL PACK	9	1-66098-8	1-66099-6
STANDARD	9	1-66098-8	1-66099-5
SMALL PACK	1	66098-4	1-66099-4
SMALL PACK	3	66098-3	1-66099-3
SMALL PACK	5	66098-2	1-66099-2
SMALL PACK	2	66098-1	1-66099-1
OBSELETE	8	1-66098-6	1-66099-0
STANDARD	1	66098-4	66099-4
STANDARD	3	66098-3	66099-3
STANDARD	5	66098-2	66099-2
STANDARD	2	66098-1	66099-1
PACKAGING TYPE	CONTACT FINISH	STRIP P/N REF	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	05/29/92	L.SIPE	
DIMENSIONS: MM [INCHES]		CHK	6-11-92	W.LENKER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	7-7-92	G.STEINHAUER	
0 PLC ± -		PRODUCT SPEC		NAME	
1 PLC ± -		APPLICATION SPEC		PIN ASSEMBLY, LOOSE PIECE, TYPE III+	
2 PLC ± 0.13 [.005]		WEIGHT		SIZE	
3 PLC ± -		SCALE		CAGE CODE	
4 PLC ± -		CUSTOMER DRAWING		DRAWING NO	
ANGLES ± -		SCALE 8:1		SHEET 1 OF 1	
FINISH		SCALE 8:1		REV E2	
SEE CALLOUTS		SCALE 8:1		REV E2	
SEE CALLOUTS		SCALE 8:1		REV E2	

1471-9 (3/11)

66099

B

A