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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
F3		REVISED PER ECO-16-004223	16JUL2016	NK MZ

PIN BODY, BRASS  
SEE TABLE

SPRING, STAINLESS STEEL

Ø1.588  $\begin{matrix} +0.025 \\ -0.051 \end{matrix}$   
 $\begin{bmatrix} 0.0625 \\ +0.0010 \\ -0.0020 \end{bmatrix}$

9.91 MIN  
[.390]

27.10±0.51  
[1.067±.020]

Ø2.87 MAX  
[.113]

1.65 MIN  
[.065] TYP

20.24±0.25  
[.797±.010]

.015 MAX CUT-OFF

MATING END

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

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

3.68  $\begin{matrix} +0.13 \\ -0.25 \end{matrix}$   
 $\begin{bmatrix} .145 \\ +0.005 \\ -0.010 \end{bmatrix}$

3.05  $\begin{matrix} +0.25 \\ -0.13 \end{matrix}$  TYP  
 $\begin{bmatrix} .120 \\ +0.010 \\ -0.005 \end{bmatrix}$

SECTION A-A

2.92  $\begin{matrix} +0.13 \\ -0.25 \end{matrix}$   
 $\begin{bmatrix} .115 \\ +0.005 \\ -0.010 \end{bmatrix}$

2.84  $\begin{matrix} +0.25 \\ -0.13 \end{matrix}$  TYP  
 $\begin{bmatrix} .112 \\ +0.010 \\ -0.005 \end{bmatrix}$

SECTION B-B

1 0.76µm [.000030] MIN PRECIOUS METAL PLATE 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 1.27µm [.000050] MIN NICKEL PLATE. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).

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

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 1.27µm [.000050] MIN NICKEL PER QQ-N-290.

4 GOLD PLATING NOT REQUIRED IN THIS AREA.

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

6 ALL CONTACTS ON THIS DRAWING CAPABLE OF BEING USED WITH:  
 A WIRE RANGE OF 18-16 AWG WITH AN INSULATION RANGE OF Ø2.03-2.54 [.080-.100] OR  
 A WIRE SIZE OF 0.75mm<sup>2</sup> WITH AN INSULATION RANGE OF Ø1.35-1.65 [.053-.065] OR  
 A WIRE SIZE OF 1.0mm<sup>2</sup> WITH AN INSULATION RANGE OF Ø1.45-1.80 [.057-.071].

	SMALL PACK	9	1-66098-8 OR 1-66098-9	1-66099-6
	STANDARD	9	1-66098-8 OR 1-66098-9	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	SMALL PACK	2	66098-1	1-66099-1
SUPERSEDED BY 66099-3	STANDARD	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	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	6-11-92		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		W.LENKER		NAME	
0 PLC ± -		APVD		G.STEINHAUER	
1 PLC ± -		7-7-92		PRODUCT SPEC	
2 PLC ± 0.13 [.005]		-		APPLICATION SPEC	
3 PLC ± -		-		-	
4 PLC ± -		-		-	
ANGLES ± -		-		-	
MATERIAL		FINISH		WEIGHT	
SEE CALLOUTS		SEE CALLOUTS		-	
		CUSTOMER DRAWING		SCALE 8:1	
		SHEET 1 OF 1		REV F3	

1471-9 (1/15)

# Mouser Electronics

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