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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
J		REVISED PER ECO-16-004945	13OCT2016	RS	MZ

$\phi 1.588^{+0.025}_{-0.051}$
 $[\ .0625^{+0.001}_{-0.002}]$
 9.91
 $[.390]$
 MIN
 27.10±0.51
 $[1.067±0.20]$
 0.38 MAX
 $[.015]$
 CUT-OFF
 $\phi 2.87$
 $[.113]$ MAX
 1.65 MIN
 $[.065]$
 TYP
 20.24±0.25
 $[.797±0.10]$
 SPRING, STAINLESS STEEL
 PIN BODY, SEE TABLE
 COLOR CODE DOT, YELLOW (LOOSE PIECE ONLY)

$\triangle 10$ 1.27 μ m [.000050] MIN TIN PER MIL-T-10727 OVER
 1.27 μ m [.000050] MIN NICKEL PER QQ-N-290.

$2.92^{+0.13}_{-0.25}$
 $[.115^{+0.005}_{-0.010}]$
 $2.18^{+0.25}_{-0.13}$
 $[.086^{+0.010}_{-0.005}]$ TYP

SECTION A-A

$2.41^{+0.13}_{-0.25}$
 $[.095^{+0.005}_{-0.010}]$
 $2.08^{+0.25}_{-0.13}$
 $[.082^{+0.010}_{-0.005}]$ TYP

SECTION B-B

$\triangle 1$ 0.76 μ m [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH 1.27 μ m [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 1.27 μ m [.000050] MIN NICKEL PLATE. CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS),

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

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

$\triangle 4$ GOLD PLATING NOT REQUIRED IN THIS AREA.

$\triangle 5$ 1.27 μ m [.000050] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER 1.90 μ m [.000075] MIN NICKEL PER QQ-N-290.

$\triangle 6$ 1.27 μ m [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27 μ m [.000050] MIN NICKEL PER QQ-N-290.

7 WIRE RANGE 24-20 AWG.

8 INSULATION RANGE 1.02[.040]-2.03[.080] DIA.

$\triangle 9$ 0.38 μ m [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN, 1.27 μ m [.000050] MIN TIN-LEAD PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END, BOTH OVER 1.27 μ m [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

	SMALL PACK	$\triangle 10$	BRASS	2-66102-5 OR 2-66102-6	1-66103-9
	STANDARD	$\triangle 10$	BRASS	2-66102-5 OR 2-66102-6	1-66103-8
	SMALL PACK	$\triangle 1$	BRASS	66102-4	1-66103-7
	SMALL PACK	$\triangle 3$	BRASS	66102-3	1-66103-6
	SMALL PACK	$\triangle 6$	BRASS	66102-2	1-66103-5
	SMALL PACK	$\triangle 2$	BRASS	66102-1	1-66103-4
OBSOLETE	STANDARD	$\triangle 9$	BRASS	2-66102-3	1-66103-3
OBSOLETE	STANDARD	$\triangle 1$	PHOSPHOR BRONZE	2-66102-2	1-66103-2
OBSOLETE	STANDARD	$\triangle 6$	PHOSPHOR BRONZE	2-66102-1	1-66103-1
	STANDARD	$\triangle 1$	BRASS	66102-4	66103-4
	STANDARD	$\triangle 3$	BRASS	66102-3	66103-3
	STANDARD	$\triangle 6$	BRASS	66102-2	66103-2
	STANDARD	$\triangle 2$	BRASS	66102-1	66103-1
	PACKAGING TYPE	BODY FINISH	BODY MATERIAL	STRIP P/N REF	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	06/01/92	TE Connectivity	
		L.SIPE	6-11-92		
DIMENSIONS:		CHK	W.LENKER	NAME PIN ASSEMBLY, LOOSE PIECE, TYPE III+	
mm [INCHES]		APVD	G.STEINHAUER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		SIZE A2	
0 PLC ± -		APPLICATION SPEC			
1 PLC ± -				CAGE CODE 00779	
2 PLC ± 0.13 [.005]					
3 PLC ± -				DRAWING NO C=66103	
4 PLC ± -					
ANGLES ± -				RESTRICTED TO -	
FINISH					
SEE CALLOUTS		WEIGHT		SCALE 8:1	
SEE CALLOUTS		CUSTOMER DRAWING			
		SHEET	1 OF 1	REV J	

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