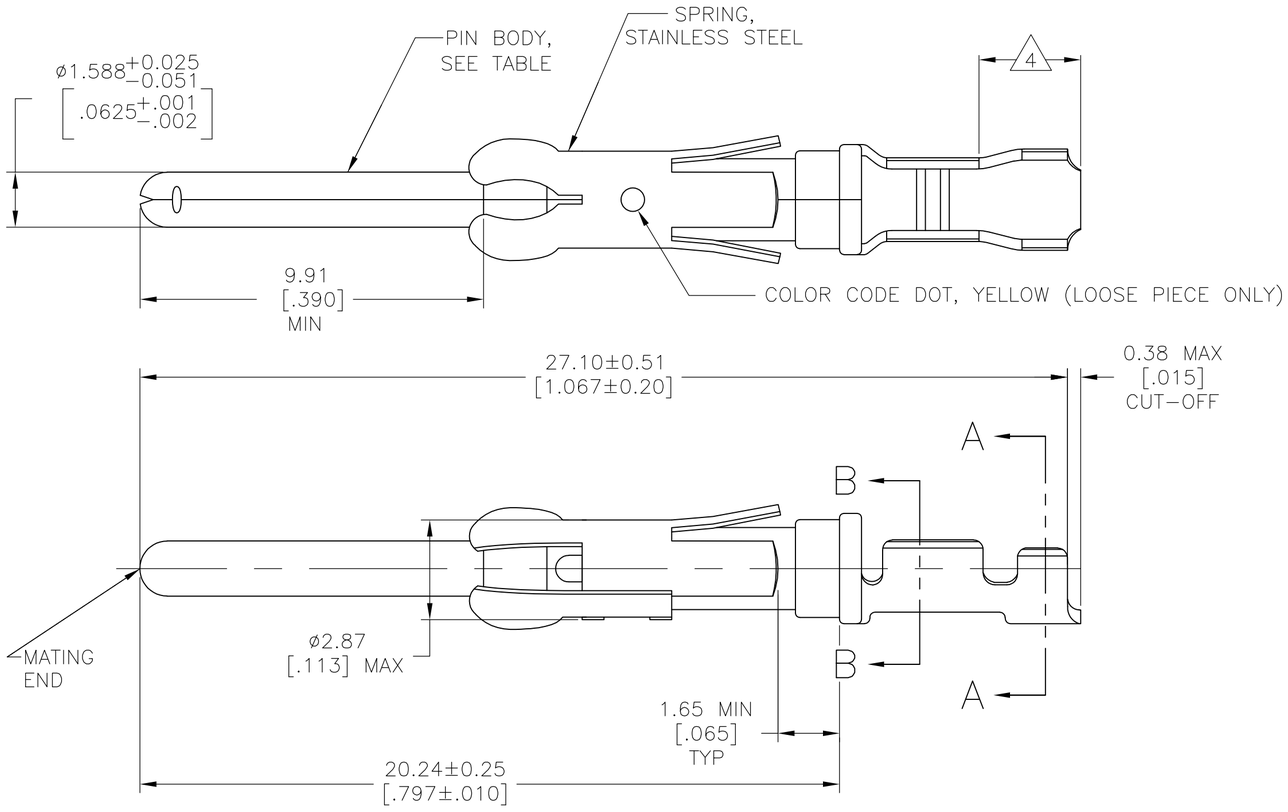
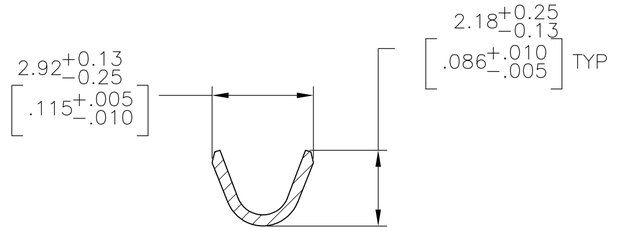
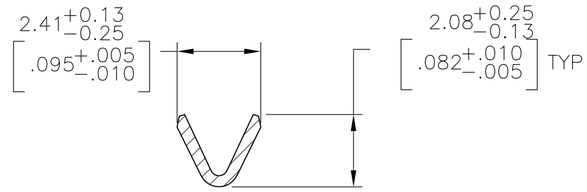
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECO-16-004945	13OCT2016	RS	MZ



10 1.27µm [.000050] MIN TIN PER MIL-T-10727 OVER
1.27µm [.000050] MIN NICKEL PER QQ-N-290.



SECTION A-A



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 TYCO ELECTRONICS PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01 (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] MIN ON REMAINDER, OVER 1.27µm [.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).

3 0.38µm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN 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 GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER 1.90µm [.000075] MIN NICKEL PER QQ-N-290.

6 1.27µm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER
1.27µm [.000050] MIN NICKEL PER QQ-N-290.

7 WIRE RANGE 24-20 AWG.

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

9 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.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.13 [.005]
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS

DWN 06/01/92 L.SIPE
CHK 6-11-92 W.LENKER
APVD 7-7-92 G.STEINHAUER
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME: PIN ASSEMBLY, LOOSE PIECE, TYPE III+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-66103	—

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV J

66103

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