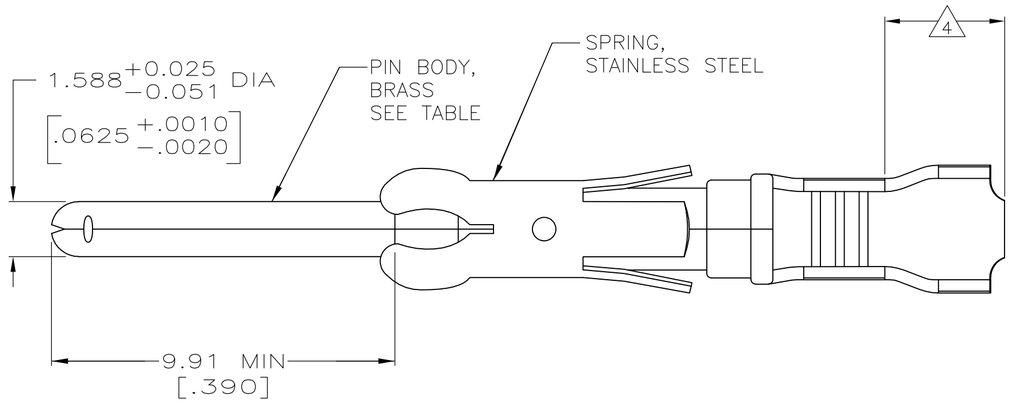
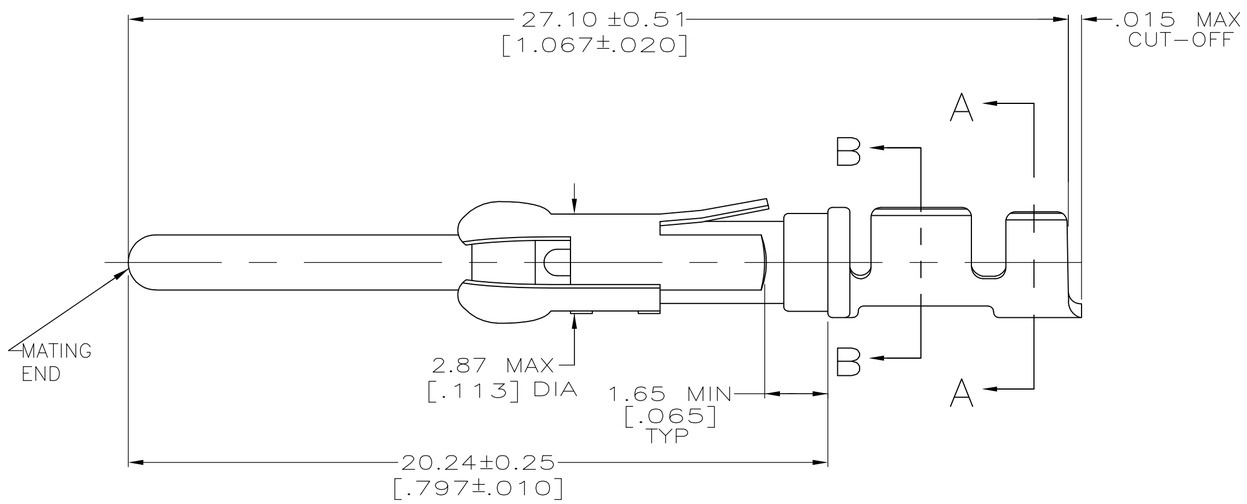
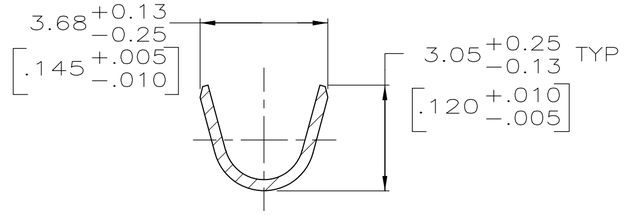
LOC	DIST
FT	47

REVISIONS

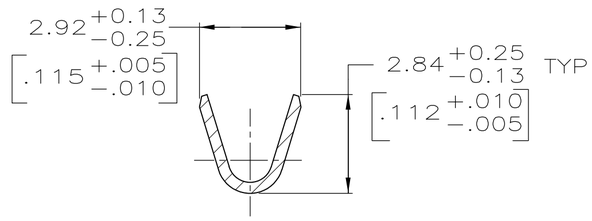
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	REVISED PER ECO-15-003583	07MAR2015	NK	MZ







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 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 0.75mm² WITH AN INSULATION RANGE OF Ø1.35-1.65 [.053-.065] OR A WIRE SIZE OF 1.0mm² WITH AN INSULATION RANGE OF Ø1.45-1.80 [.057-.071].

△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.

	PACKAGING TYPE	CONTACT FINISH	STRIP P/N REF	PART NO
	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
SUPERCEDED 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

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	L.SIPE	05/29/92
CHK	W.LENKER	6-11-92
APVD	G.STEINHAUER	7-7-92
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: PIN ASSEMBLY, LOOSE PIECE, TYPE III+

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-66099	—

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV F2

66099