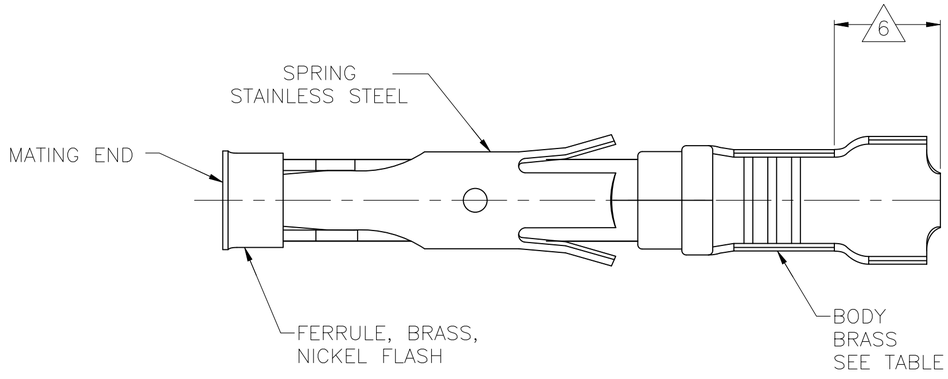
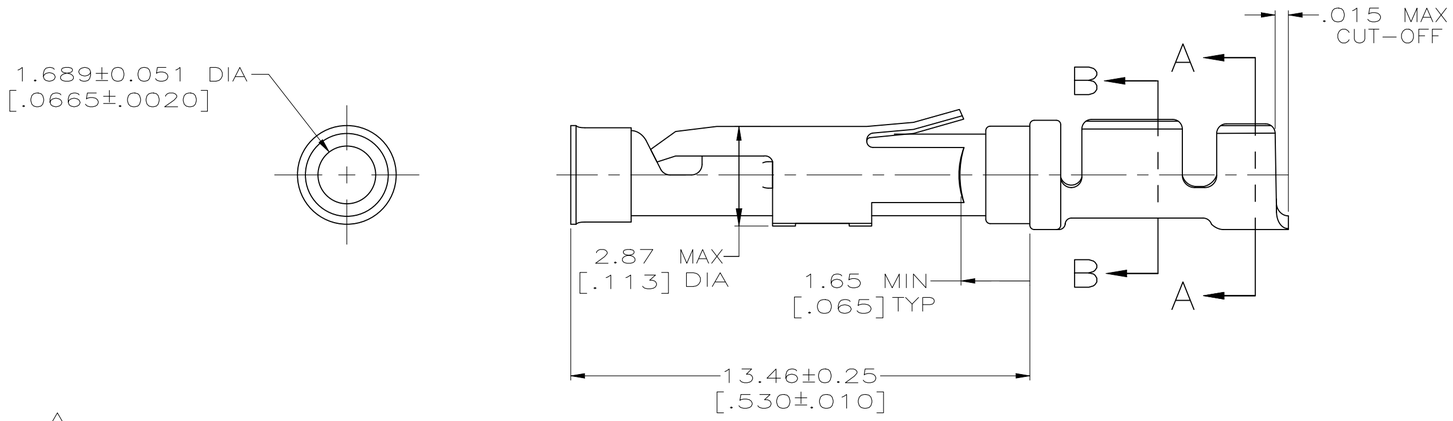
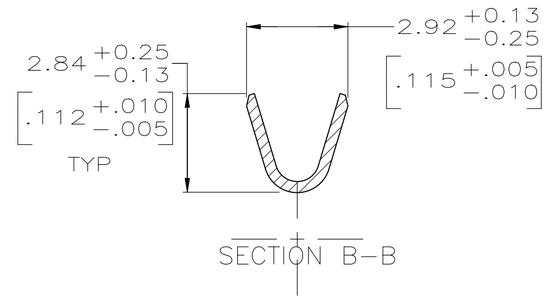
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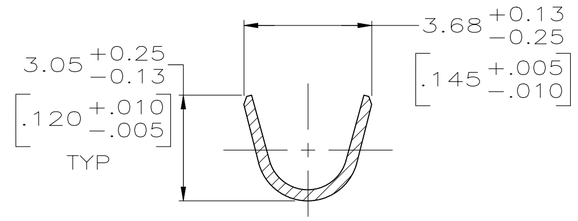
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER ECR-24-213591	28JUN2024	RK	FJS







SECTION B–B



SECTION A–A

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 0.76µm [.000030] MIN NICKEL PER QQ-N-290. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPEC 108-10042, BASED ON EIA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS).

2 1.27µm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290.

3 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 GOLD ON THE REMAINDER OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPEC 108-10042, BASED ON EIA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS).

4 0.38µm [.000015] 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 0.76µm [.000030] MIN NICKEL PER QQ-N-290. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPEC 108-10042, BASED ON EIA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS).

5 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] $^{2}_{2}$MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

6 GOLD PLATING NOT REQUIRED IN THIS AREA.

7 ALL CONTACTS ON THIS DRAWING CAPABLE OF BE 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 WITH AN INSULATION RANGE OF Ø1.35-1.65 [.053-.065] OR
A WIRE SIZE OF 1.0mm WITH AN INSULATION RANGE OF Ø1.45-1.80 [.057-.071]

8 1.27µm [.000050] MIN TIN PER MIL-T-10727 OVER 0.76µm [.000030] MIN NICKEL PER QQ-N-290.

PACKAGING TYPE	BODY	STRIP P/N	PART NO
SMALL PACK	8	1-66100-9 OR 2-66100-0	2-66101-0
STANDARD	8	1-66100-9 OR 2-66100-0	1-66101-9
SMALL PACK	1	66100-4	1-66101-8
SMALL PACK	4	66100-3	1-66101-7
SMALL PACK	2	66100-2	1-66101-6
SMALL PACK	3	66100-1	1-66101-5
SUPERCEDED BY 66101-3 STANDARD	5	1-66100-7	~~1-66101-4~~
STANDARD	1	66100-4	66101-4
STANDARD	4	66100-3	66101-3
STANDARD	2	66100-2	66101-2
STANDARD	3	66100-1	66101-1

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: SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+ –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-66101	—

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

66101

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