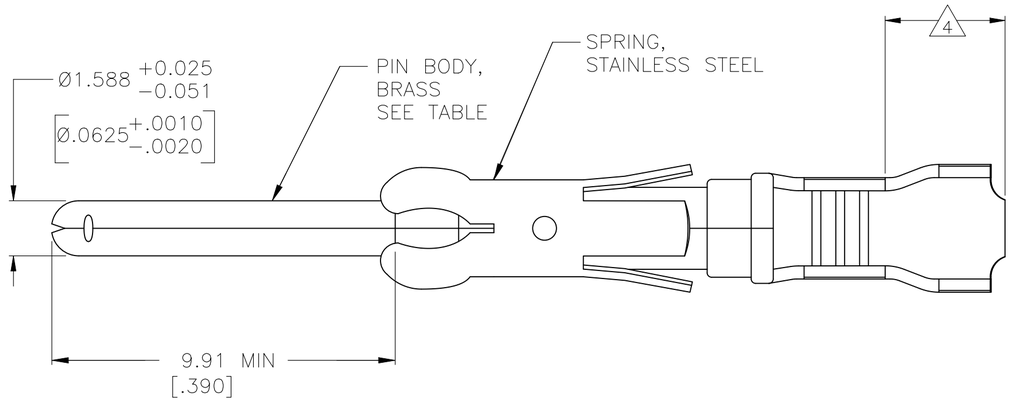
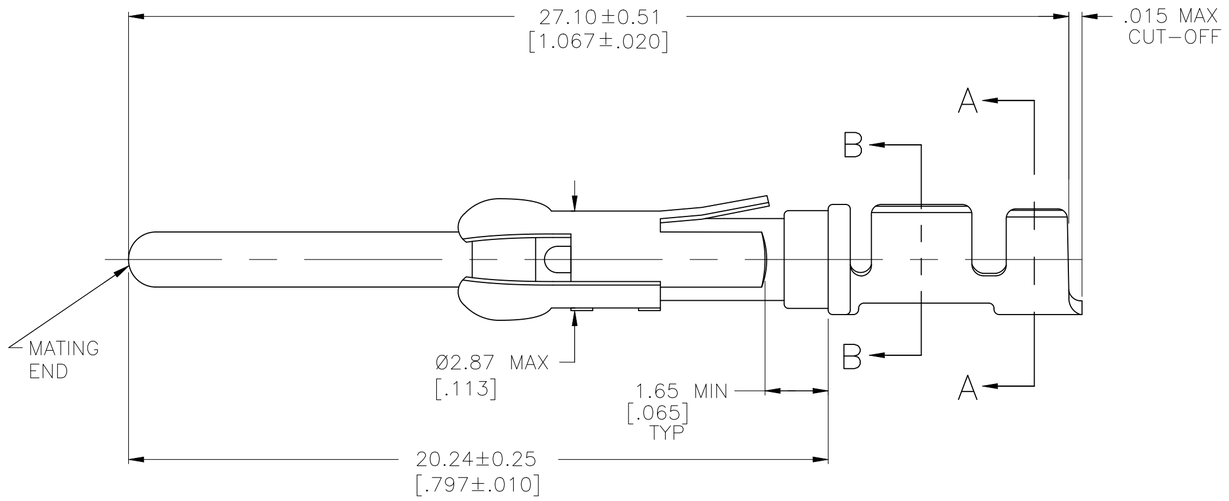
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| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | G | REVISED PER ECR-24-213591 | 28JUN2024 | RK | FJS |




△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-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-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).

△3 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 1.27µm [.000050] MIN NICKEL PER QQ-N-290. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPEC 108-10042,

△4 BASED ON EIA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS).

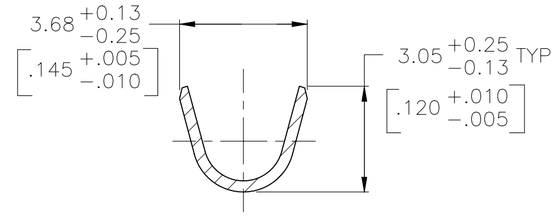
△5 GOLD PLATING NOT REQUIRED IN THIS AREA.

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

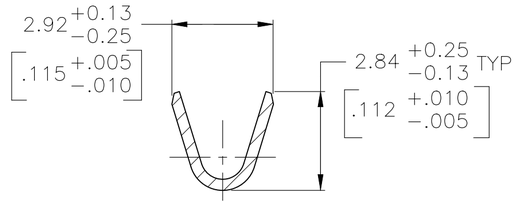
6 ALL CONTACTS ON THIS DRAWING CAPABLE OF BEING USED WITH:
A WIRE RANGE OF 18-16 AWG WITH AN INSULATION RANGE OF Ø2.03-2.54 [.080-.100] OR
A WIRE SIZE OF 0.75mm WITH AN INSULATION RANGE OF Ø1.35-1.65 [.053-.065] OR
A WIRE SIZE OF 1.0mm WITH AN INSULATION RANGE OF Ø1.45-1.80 [.057-.071].

△8 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.




SECTION A–A




SECTION B–B

| | 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 |
| OBSOLETE | 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 |

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 G

66099