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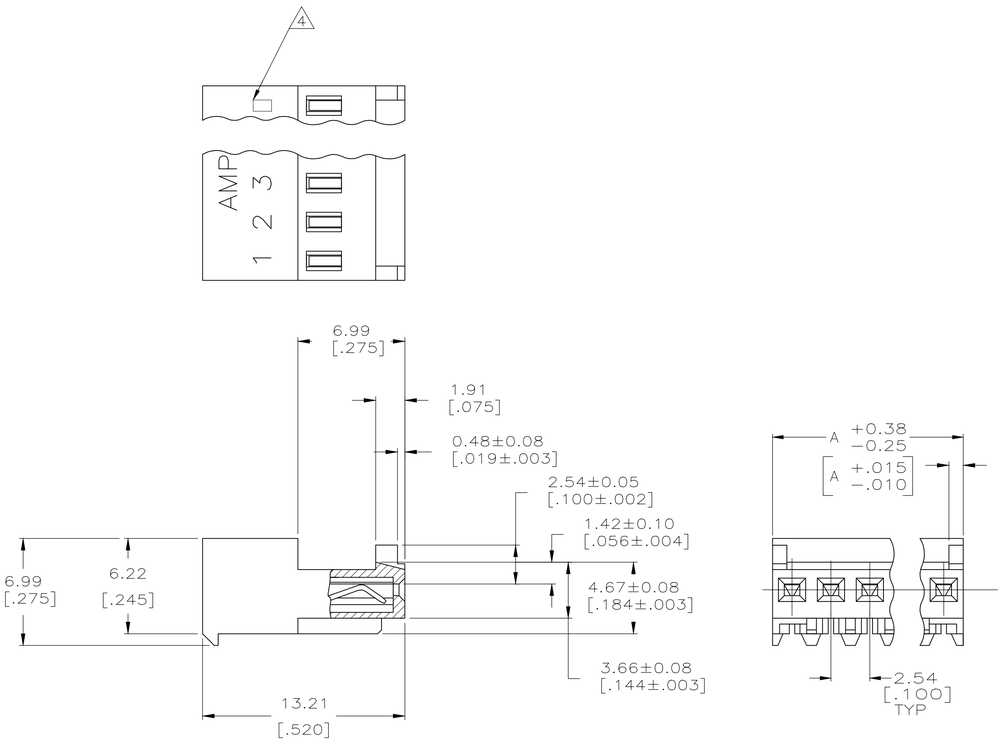
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REVISED PER ECR-20-000721	04MAR2020	PC	SW



1. MATERIAL: CONNECTOR–NYLON UL94V–2 (WHITE).
CONTACTS–0.30 [.012] THICK COPPER ALLOY
0.00038 [.000015] GOLD OR 0.00038 [.000015]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT AREA
WITH BRIGHT TIN–LEAD FOR 1744020–2 THRU
1–1744020–4, MATTE WHISKER MITIGATED TIN
FOR 3–1744020–2 THRU 4–1744020–4 OVER
NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 24 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION. I

4. DENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.

6. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

LEAD FREE

DIM A	NO.OF POSN	ASSEMBLY
35.56 [1.400]	14	4–1744020–4
33.02 [1.300]	13	4–1744020–3
30.48 [1.200]	12	4–1744020–2
27.94 [1.100]	11	4–1744020–1
25.40 [1.000]	10	4–1744020–0
22.86 [.900]	9	3–1744020–9
20.32 [.800]	8	3–1744020–8
17.78 [.700]	7	3–1744020–7
15.24 [.600]	6	3–1744020–6
12.70 [.500]	5	3–1744020–5
10.16 [.400]	4	3–1744020–4
7.62 [.300]	3	3–1744020–3
5.08 [.200]	2	3–1744020–2

SUPERSEDED

6 SUPERSEDED

CONTAINS LEAD

DIM A	NO.OF POSN	ASSEMBLY
35.56 [1.400]	14	~~1–1744020–4~~
33.02 [1.300]	13	~~1–1744020–3~~
30.48 [1.200]	12	~~1–1744020–2~~
27.94 [1.100]	11	~~1–1744020–1~~
25.40 [1.000]	10	~~1–1744020–0~~
22.86 [.900]	9	~~1744020–9~~
20.32 [.800]	8	~~1744020–8~~
17.78 [.700]	7	~~1744020–7~~
15.24 [.600]	6	~~1744020–6~~
12.70 [.500]	5	~~1744020–5~~
10.16 [.400]	4	~~1744020–4~~
7.62 [.300]	3	~~1744020–3~~
5.08 [.200]	2	~~1744020–2~~

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 1 FINISH 1

DWN S. HOOVER 20-DEC-2004
CHK D. BOSSI 20-DEC-2004
APVD D. BOSSI 20-DEC-2004

PRODUCT SPEC 108-1050
APPLICATION SPEC 114-1019
WEIGHT

TE Connectivity

NAME MTA .100 CONNECTOR ASSEMBLY 24 AWG, STANDARD

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1744020 | RESTRICTED TO

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV E

4805 (3/11)

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