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LOC	DIST
CM	00

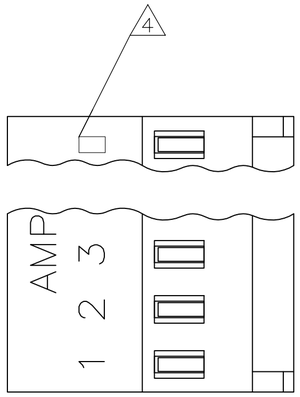
REVISIONS

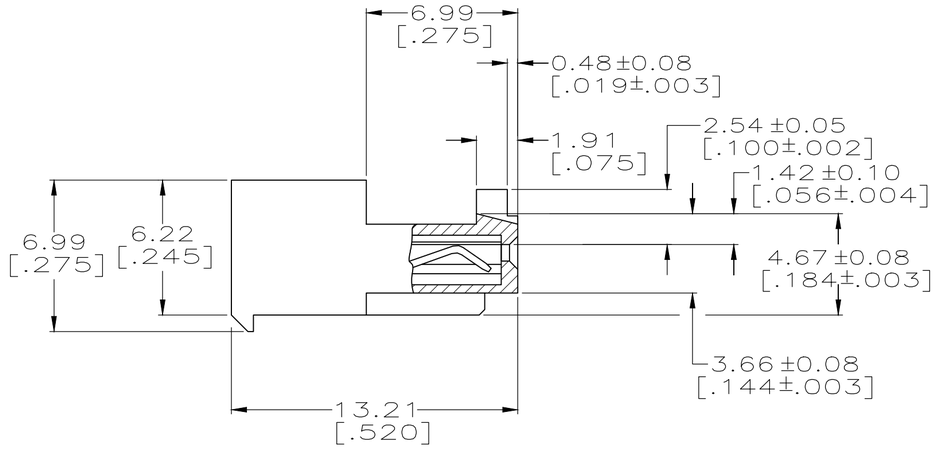
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REVISED PER ECR-20-000541	15MAY2020	PC	SW

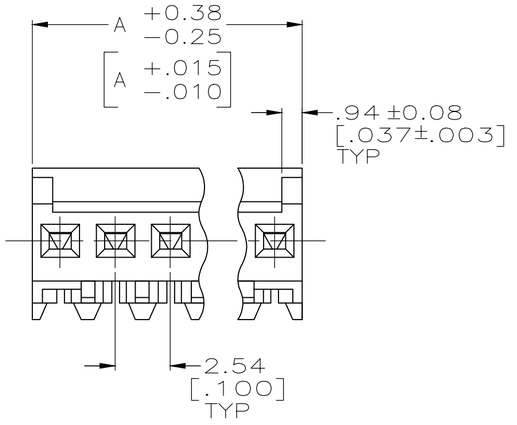
YES	71.12[2.800]	28	5-643813-8
YES	68.58[2.700]	27	5-643813-7
YES	66.04[2.600]	26	5-643813-6
YES	63.50[2.500]	25	5-643813-5
YES	60.96[2.400]	24	5-643813-4
YES	58.42[2.300]	23	5-643813-3
YES	55.88[2.200]	22	5-643813-2
YES	53.34[2.100]	21	5-643813-1
YES	50.80[2.000]	20	5-643813-0
YES	48.26[1.900]	19	4-643813-9
YES	45.72[1.800]	18	4-643813-8
YES	43.18[1.700]	17	4-643813-7
YES	40.64[1.600]	16	4-643813-6
YES	38.10[1.500]	15	4-643813-5
YES	35.56[1.400]	14	4-643813-4
YES	33.02[1.300]	13	4-643813-3
YES	30.48[1.200]	12	4-643813-2
YES	27.94[1.100]	11	4-643813-1
YES	25.40[1.000]	10	4-643813-0
YES	22.86[.900]	9	3-643813-9
YES	20.32[.800]	8	3-643813-8
YES	17.78[.700]	7	3-643813-7
YES	15.24[.600]	6	3-643813-6
YES	12.70[.500]	5	3-643813-5
YES	10.16[.400]	4	3-643813-4
YES	7.62[.300]	3	3-643813-3
YES	5.08[.200]	2	3-643813-2
NO	71.12[2.800]	28	~~2-643813-8~~ SUPERSEDED BY 5-643813-8 7
NO	68.58[2.700]	27	~~2-643813-7~~ SUPERSEDED BY 5-643813-7 7
NO	66.04[2.600]	26	~~2-643813-6~~ OBSOLETE
NO	63.50[2.500]	25	~~2-643813-5~~ SUPERSEDED BY 5-643813-5 7
NO	60.96[2.400]	24	~~2-643813-4~~ SUPERSEDED BY 5-643813-4 8
NO	58.42[2.300]	23	~~2-643813-3~~ SUPERSEDED BY 5-643813-3 7
NO	55.88[2.200]	22	~~2-643813-2~~ SUPERSEDED BY 5-643813-2 7
NO	53.34[2.100]	21	~~2-643813-1~~ SUPERSEDED BY 5-643813-1 7
NO	50.80[2.000]	20	~~2-643813-0~~ SUPERSEDED BY 5-643813-0 8
NO	48.26[1.900]	19	~~1-643813-9~~ SUPERSEDED BY 4-643813-9 7
NO	45.72[1.800]	18	~~1-643813-8~~ SUPERSEDED BY 4-643813-8 8
NO	43.18[1.700]	17	~~1-643813-7~~ SUPERSEDED BY 4-643813-7 8
NO	40.64[1.600]	16	~~1-643813-6~~ SUPERSEDED BY 4-643813-6 8
NO	38.10[1.500]	15	~~1-643813-5~~ SUPERSEDED BY 4-643813-5 8
NO	35.56[1.400]	14	~~1-643813-4~~ SUPERSEDED BY 4-643813-4 8
NO	33.02[1.300]	13	~~1-643813-3~~ SUPERSEDED BY 4-643813-3 8
NO	30.48[1.200]	12	~~1-643813-2~~ SUPERSEDED BY 4-643813-2 8
NO	27.94[1.100]	11	~~1-643813-1~~ SUPERSEDED BY 4-643813-1 8
NO	25.40[1.000]	10	~~1-643813-0~~ SUPERSEDED BY 4-643813-0 8
NO	22.86[.900]	9	~~643813-9~~ SUPERSEDED BY 3-643813-9 8
NO	20.32[.800]	8	~~643813-8~~ SUPERSEDED BY 3-643813-8 8
NO	17.78[.700]	7	~~643813-7~~ SUPERSEDED BY 3-643813-7 8
NO	15.24[.600]	6	~~643813-6~~ SUPERSEDED BY 3-643813-6 8
NO	12.70[.500]	5	~~643813-5~~ SUPERSEDED BY 3-643813-5 8
NO	10.16[.400]	4	~~643813-4~~ SUPERSEDED BY 3-643813-4 8
NO	7.62[.300]	3	~~643813-3~~ SUPERSEDED BY 3-643813-3 8
NO	5.08[.200]	2	~~643813-2~~ SUPERSEDED BY 3-643813-2 8
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.

1471-9 (3/11)

1. MATERIAL: CONNECTOR – NYLON UL94V-2 (RED) .
   CONTACTS – 0.30[.012] THICK COPPER ALLOY BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS FOR 643813-2 THRU 2-643813-8. MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER NICKEL UNDERPLATE FOR 3-643813-2 THRU 5-643813-8.
2. CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 0.64±0.03[.025±.001] POST AND REMAIN LOCKED IN POSITION.
4. IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
5. DIMENSIONS IN BRACKETS ARE IN INCHES.
6. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
8. OBSOLETE PARTS







643813

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 1
FINISH 1

DWN	S. CARPENTER	11JUN2003
CHK	D. BOSSI	11JUN2003
APVD	D. BOSSI	11JUN2003
PRODUCT SPEC	108-1050	
APPLICATION SPEC	114-1019	
WEIGHT		

TE Connectivity

NAME: MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-643813	—

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