LOC	DIST
CM	00

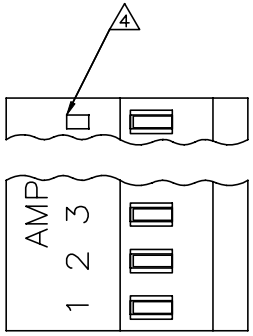
REVISIONS

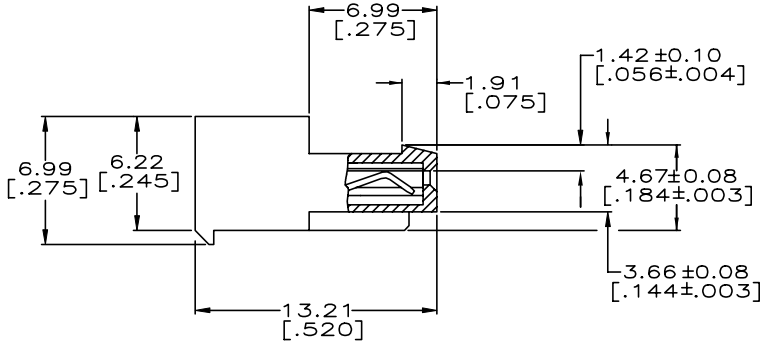
P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	REVISED PER ECR-20-000727	22MAY2020	PC	SW

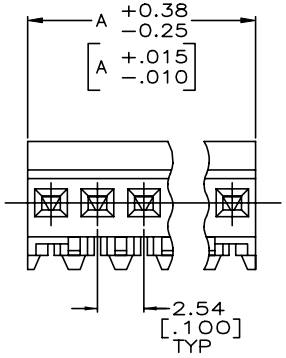
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	
YES	71.12[2.800]	28	5-640443-8	
YES	68.58[2.700]	27	5-640443-7	
YES	66.04[2.600]	26	5-640443-6	
YES	63.50[2.500]	25	5-640443-5	
YES	60.96[2.400]	24	5-640443-4	
YES	58.42[2.300]	23	5-640443-3	
YES	55.88[2.200]	22	5-640443-2	
YES	53.34[2.100]	21	5-640443-1	
YES	50.80[2.000]	20	5-640443-0	
YES	48.26[1.900]	19	4-640443-9	
YES	45.72[1.800]	18	4-640443-8	
YES	43.18[1.700]	17	4-640443-7	
YES	40.64[1.600]	16	4-640443-6	
YES	38.10[1.500]	15	4-640443-5	
YES	35.56[1.400]	14	4-640443-4	
YES	33.02[1.300]	13	4-640443-3	
YES	30.48[1.200]	12	4-640443-2	
YES	27.94[1.100]	11	4-640443-1	
YES	25.40[1.000]	10	4-640443-0	
YES	22.86[.900]	9	3-640443-9	
YES	20.32[.800]	8	3-640443-8	
YES	17.78[.700]	7	3-640443-7	
YES	15.24[.600]	6	3-640443-6	
YES	12.70[.500]	5	3-640443-5	
YES	10.16[.400]	4	3-640443-4	
YES	7.62[.300]	3	3-640443-3	
YES	5.08[.200]	2	3-640443-2	
NO	71.12[2.800]	28	2-640443-8	SUPERCEDED BY 5-640443-8
NO	68.58[2.700]	27	2-640443-7	SUPERCEDED BY 5-640443-7
NO	66.04[2.600]	26	2-640443-6	SUPERCEDED BY 5-640443-6
NO	63.50[2.500]	25	2-640443-5	SUPERCEDED BY 5-640443-5
NO	60.96[2.400]	24	2-640443-4	SUPERCEDED BY 5-640443-4
NO	58.42[2.300]	23	2-640443-3	SUPERCEDED BY 5-640443-3
NO	55.88[2.200]	22	2-640443-2	SUPERCEDED BY 5-640443-2
NO	53.34[2.100]	21	2-640443-1	SUPERCEDED BY 5-640443-1
NO	50.80[2.000]	20	2-640443-0	SUPERCEDED BY 5-640443-0
NO	48.26[1.900]	19	1-640443-9	SUPERCEDED BY 4-640443-9
NO	45.72[1.800]	18	1-640443-8	SUPERCEDED BY 4-640443-8
NO	43.18[1.700]	17	1-640443-7	SUPERCEDED BY 4-640443-7
NO	40.64[1.600]	16	1-640443-6	SUPERCEDED BY 4-640443-6
NO	38.10[1.500]	15	1-640443-5	SUPERCEDED BY 4-640443-5
NO	35.56[1.400]	14	1-640443-4	SUPERCEDED BY 4-640443-4
NO	33.02[1.300]	13	1-640443-3	SUPERCEDED BY 4-640443-3
NO	30.48[1.200]	12	1-640443-2	SUPERCEDED BY 4-640443-2
NO	27.94[1.100]	11	1-640443-1	SUPERCEDED BY 4-640443-1
NO	25.40[1.000]	10	1-640443-0	SUPERCEDED BY 4-640443-0
NO	22.86[.900]	9	640443-9	SUPERCEDED BY 3-640443-9
NO	20.32[.800]	8	640443-8	SUPERCEDED BY 3-640443-8
NO	17.78[.700]	7	640443-7	SUPERCEDED BY 3-640443-7
NO	15.24[.600]	6	640443-6	SUPERCEDED BY 3-640443-6
NO	12.70[.500]	5	640443-5	SUPERCEDED BY 3-640443-5
NO	10.16[.400]	4	640443-4	SUPERCEDED BY 3-640443-4
NO	7.62[.300]	3	640443-3	SUPERCEDED BY 3-640443-3
NO	5.08[.200]	2	640443-2	SUPERCEDED BY 3-640443-2

7

1. MATERIAL: CONNECTOR – NYLON UL94V-2 (GREEN).
   CONTACTS – 0.30[.012] THICK COPPER ALLOY
   BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
   FOR 640443-2 THRU 2-640443-8.
   MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
   NICKEL UNDERPLATE FOR 3-640443-2 THRU 5-640443-8.
2. CONTACTS ACCEPT 28 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
7. OBSOLETE PARTS







640443

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, 28 AWG, STANDARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-640443	–

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

1471-9 (3/11)