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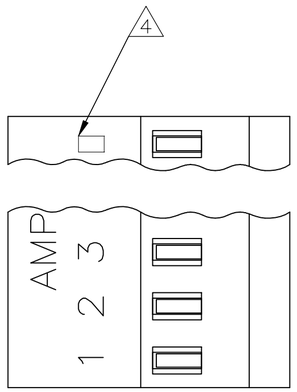
LOC	DIST
CM	00

REVISIONS

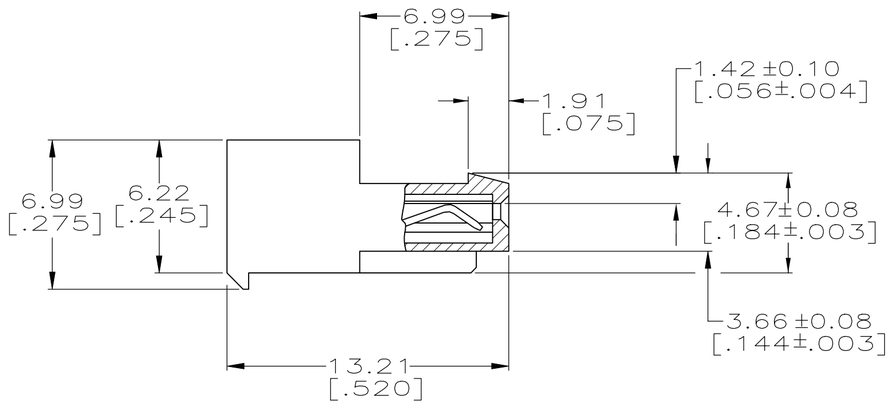
P	LTR	DESCRIPTION	DATE	DWN	APVD
	W3	REVISED PER ECR–17–013141	03JAN2018	BDA	SG

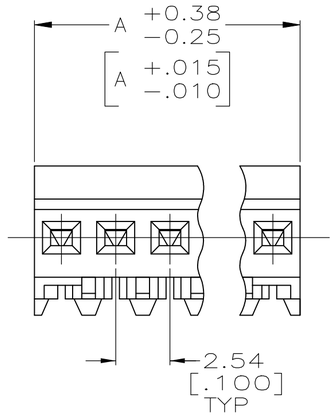
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	
YES	71.12[2.800]	28	5–640443–8	
YES	68.58[2.700]	27	5–640443–7	
YES	66.04[2.600]	26	5–640443–6	
YES	63.50[2.500]	25	5–640443–5	
YES	60.96[2.400]	24	5–640443–4	
YES	58.42[2.300]	23	5–640443–3	
YES	55.88[2.200]	22	5–640443–2	
YES	53.34[2.100]	21	5–640443–1	
YES	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NO	71.12[2.800]	28	2–640443–8	SUPERCEDED BY 5–640443–8
NO	68.58[2.700]	27	2–640443–7	SUPERCEDED BY 5–640443–7
NO	66.04[2.600]	26	2–640443–6	SUPERCEDED BY 5–640443–6
NO	63.50[2.500]	25	2–640443–5	SUPERCEDED BY 5–640443–5
NO	60.96[2.400]	24	2–640443–4	SUPERCEDED BY 5–640443–4
NO	58.42[2.300]	23	2–640443–3	SUPERCEDED BY 5–640443–3
NO	55.88[2.200]	22	2–640443–2	SUPERCEDED BY 5–640443–2
NO	53.34[2.100]	21	2–640443–1	SUPERCEDED BY 5–640443–1
NO	50.80[2.000]	20	2–640443–0	SUPERCEDED BY 5–640443–0
NO	48.26[1.900]	19	1–640443–9	SUPERCEDED BY 4–640443–9
NO	45.72[1.800]	18	1–640443–8	SUPERCEDED BY 4–640443–8
NO	43.18[1.700]	17	1–640443–7	SUPERCEDED BY 4–640443–7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 W3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:
4-640443-1