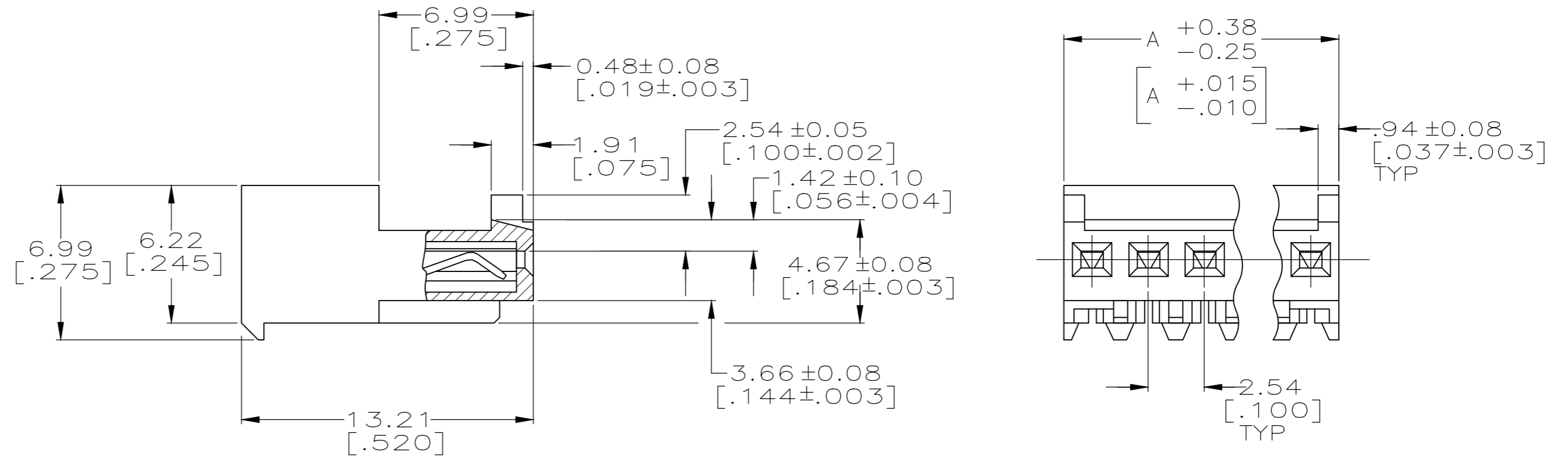
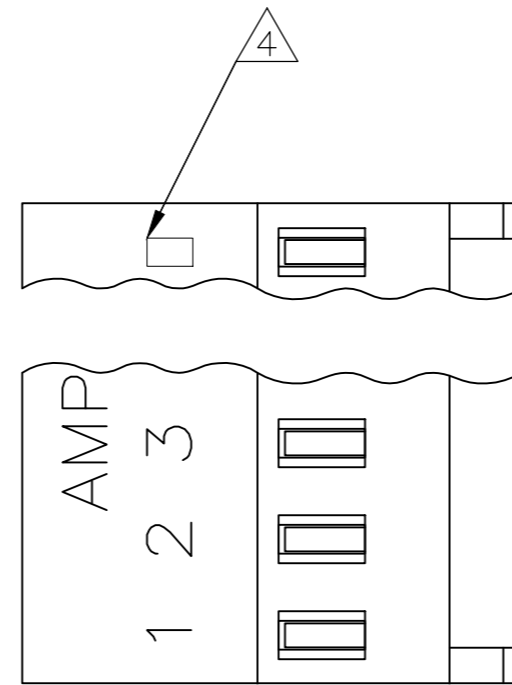


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LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		N		REVISED PER ECR-20-000727	22MAY2020	PC	SW

- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (GREEN).
 CONTACTS - 0.30[.012] THICK COPPER ALLOY BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS FOR 643816-2 THRU 2-643816-8.
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER NICKEL UNDERPLATE FOR 3-643816-2 THRU 5-643816-8.
- 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 AND WITH POLARIZING TAB.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 8 OBSOLETE PARTS



D	YES	DIM A	NO. OF CIRCUITS	PART NO.
	YES	71.12[2.800]	28	5-643816-8
	YES	68.58[2.700]	27	5-643816-7
	YES	66.04[2.600]	26	5-643816-6
	YES	63.50[2.500]	25	5-643816-5
	YES	60.96[2.400]	24	5-643816-4
	YES	58.42[2.300]	23	5-643816-3
	YES	55.88[2.200]	22	5-643816-2
	YES	53.34[2.100]	21	5-643816-1
	YES	50.80[2.000]	20	5-643816-0
	YES	48.26[1.900]	19	4-643816-9
	YES	45.72[1.800]	18	4-643816-8
	YES	43.18[1.700]	17	4-643816-7
	YES	40.64[1.600]	16	4-643816-6
	YES	38.10[1.500]	15	4-643816-5
	YES	35.56[1.400]	14	4-643816-4
	YES	33.02[1.300]	13	4-643816-3
	YES	30.48[1.200]	12	4-643816-2
	YES	27.94[1.100]	11	4-643816-1
	YES	25.40[1.000]	10	4-643816-0
	YES	22.86[.900]	9	3-643816-9
	YES	20.32[.800]	8	3-643816-8
	YES	17.78[.700]	7	3-643816-7
	YES	15.24[.600]	6	3-643816-6
	YES	12.70[.500]	5	3-643816-5
	YES	10.16[.400]	4	3-643816-4
	YES	7.62[.300]	3	3-643816-3
	YES	5.08[.200]	2	3-643816-2

B	NO	DIM A	NO. OF CIRCUITS	PART NO.	STATUS	REASON
	NO	71.12[2.800]	28	2-643816-8	SUPERCEDED	7
	NO	68.58[2.700]	27	2-643816-7	SUPERCEDED	7
	NO	66.04[2.600]	26	2-643816-6	SUPERCEDED	7
	NO	63.50[2.500]	25	2-643816-5	SUPERCEDED	7
	NO	60.96[2.400]	24	2-643816-4	SUPERCEDED	7
	NO	58.42[2.300]	23	2-643816-3	SUPERCEDED	7
	NO	55.88[2.200]	22	2-643816-2	SUPERCEDED	7
	NO	53.34[2.100]	21	2-643816-1	SUPERCEDED	7
	NO	50.80[2.000]	20	2-643816-0	SUPERCEDED	7
	NO	48.26[1.900]	19	1-643816-9	SUPERCEDED	7
	NO	45.72[1.800]	18	1-643816-8	SUPERCEDED	7
	NO	43.18[1.700]	17	1-643816-7	SUPERCEDED	7
	NO	40.64[1.600]	16	1-643816-6	SUPERCEDED	7
	NO	38.10[1.500]	15	1-643816-5	SUPERCEDED	8
	NO	35.56[1.400]	14	1-643816-4	SUPERCEDED	8
	NO	33.02[1.300]	13	1-643816-3	SUPERCEDED	7
	NO	30.48[1.200]	12	1-643816-2	SUPERCEDED	8
	NO	27.94[1.100]	11	1-643816-1	SUPERCEDED	8
	NO	25.40[1.000]	10	1-643816-0	SUPERCEDED	8
	NO	22.86[.900]	9	643816-9	SUPERCEDED	7
	NO	20.32[.800]	8	643816-8	SUPERCEDED	8
	NO	17.78[.700]	7	643816-7	SUPERCEDED	8
	NO	15.24[.600]	6	643816-6	SUPERCEDED	8
	NO	12.70[.500]	5	643816-5	SUPERCEDED	8
	NO	10.16[.400]	4	643816-4	SUPERCEDED	8
	NO	7.62[.300]	3	643816-3	SUPERCEDED	8
	NO	5.08[.200]	2	643816-2	SUPERCEDED	8

LEADFREE DIM A NO. OF CIRCUITS PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 11JUN2003		
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 11JUN2003		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 11JUN2003	NAME MTA 100 CONNECTOR ASSEMBLY, 28 AWG, STANDARD	
0 PLC ±		PRODUCT SPEC 108-1050	SIZE A2	
1 PLC ±		APPLICATION SPEC 114-1019	CAGE CODE 00779	DRAWING NO 643816
2 PLC ±		WEIGHT	RESTRICTED TO	
3 PLC ± 0.13 [.005]		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 of 1
4 PLC ±			REV N	
ANGLES ±				
FINISH				

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