

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
N1		REVISED PER ECR-23-179060	29AUG2023	AK JP

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.

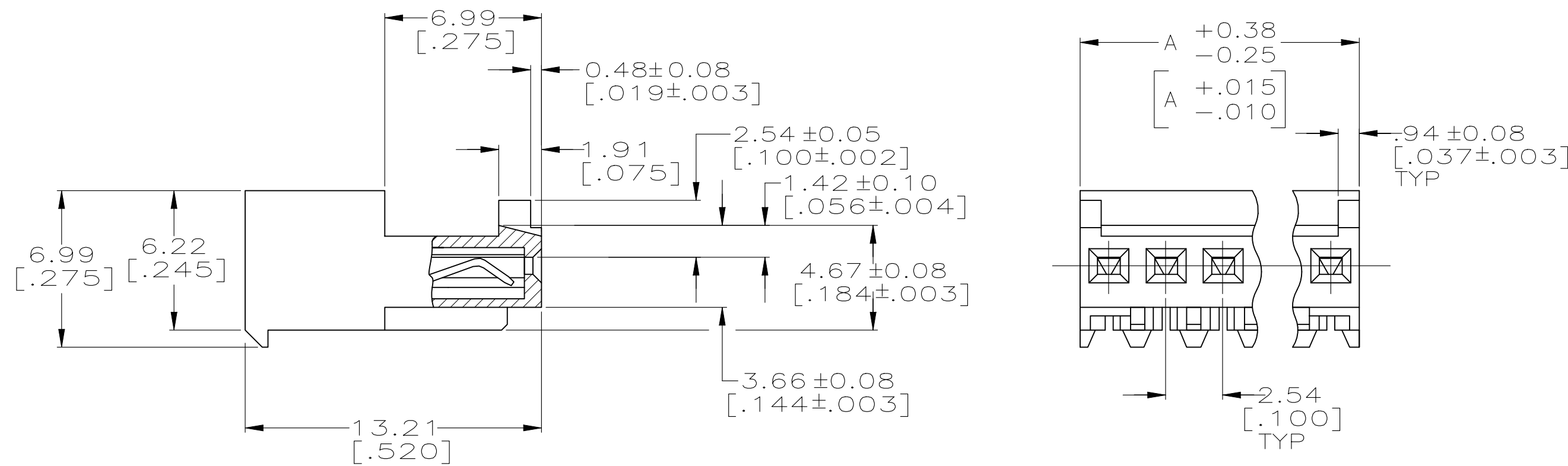
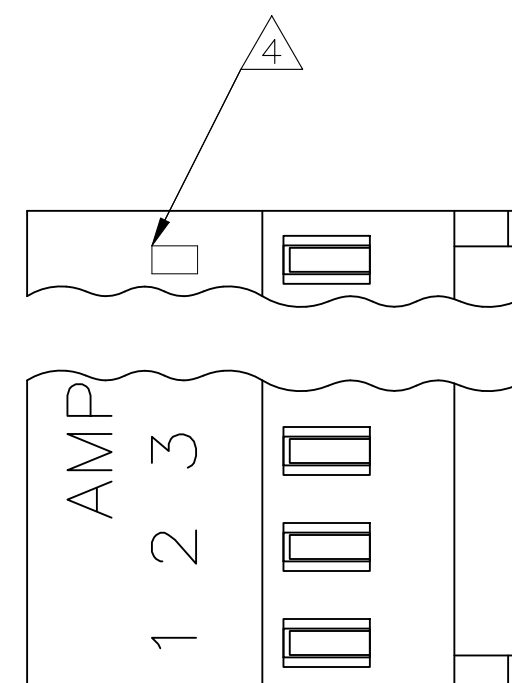
4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY  
 NOT APPEAR ON ALL ASSEMBLIES.

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



OBSOLETE

NO	71.12[2.800]	28	2-643816-8	SUPERCEDED	7
NO	68.58[2.700]	27	2-643816-7	SUPERCEDED	7
NO	66.04[2.600]	26	2-643816-6	SUPERCEDED	7
NO	63.50[2.500]	25	2-643816-5	SUPERCEDED	7
NO	60.96[2.400]	24	2-643816-4	SUPERCEDED	7
NO	58.42[2.300]	23	2-643816-3	SUPERCEDED	7
NO	55.88[2.200]	22	2-643816-2	SUPERCEDED	7
NO	53.34[2.100]	21	2-643816-1	SUPERCEDED	7
NO	50.80[2.000]	20	2-643816-0	SUPERCEDED	7
NO	48.26[1.900]	19	1-643816-9	SUPERCEDED	7
NO	45.72[1.800]	18	1-643816-8	SUPERCEDED	7
NO	43.18[1.700]	17	1-643816-7	SUPERCEDED	7
NO	40.64[1.600]	16	1-643816-6	SUPERCEDED	7
NO	38.10[1.500]	15	1-643816-5	SUPERCEDED	8
NO	35.56[1.400]	14	1-643816-4	SUPERCEDED	8
NO	33.02[1.300]	13	1-643816-3	SUPERCEDED	7
NO	30.48[1.200]	12	1-643816-2	SUPERCEDED	8
NO	27.94[1.100]	11	1-643816-1	SUPERCEDED	8
NO	25.40[1.000]	10	1-643816-0	SUPERCEDED	8
NO	22.86[.900]	9	643816-9	SUPERCEDED	7
NO	20.32[.800]	8	643816-8	SUPERCEDED	8
NO	17.78[.700]	7	643816-7	SUPERCEDED	8
NO	15.24[.600]	6	643816-6	SUPERCEDED	8
NO	12.70[.500]	5	643816-5	SUPERCEDED	8
NO	10.16[.400]	4	643816-4	SUPERCEDED	8
NO	7.62[.300]	3	643816-3	SUPERCEDED	8
NO	5.08[.200]	2	643816-2	SUPERCEDED	8

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 C-643816
2 PLC ±		MATERIAL 1	RESTRICTED TO -	SCALE 5:1
3 PLC ± 0.13 [.005]		FINISH 1	SHEET 1 of 1	REV N1
4 PLC ±		CUSTOMER DRAWING		
ANGLES ±				