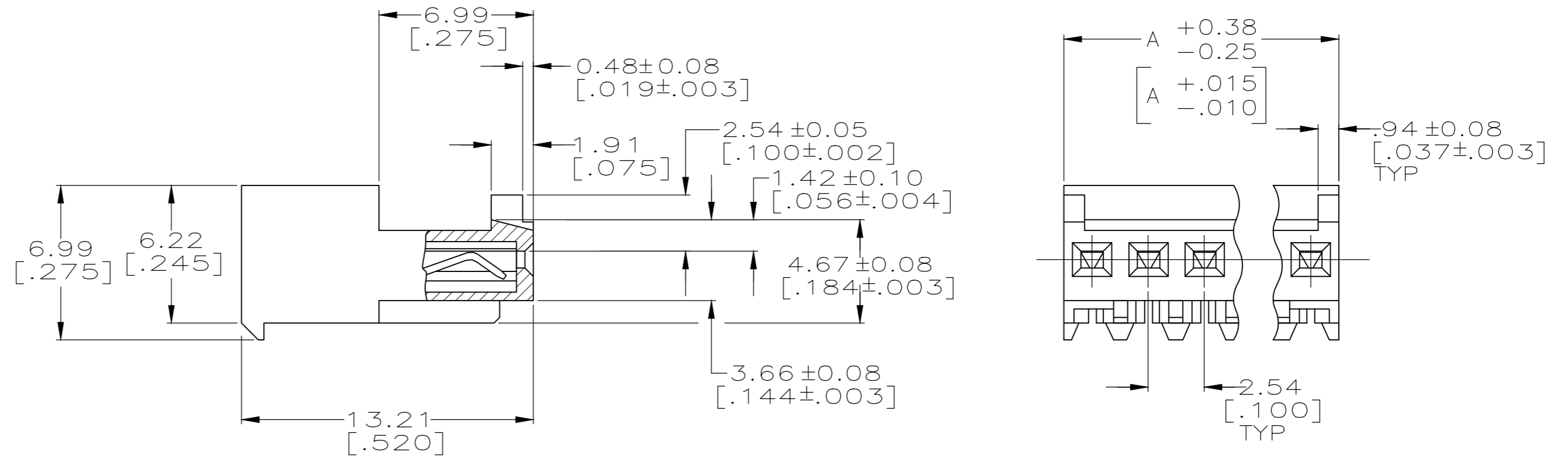
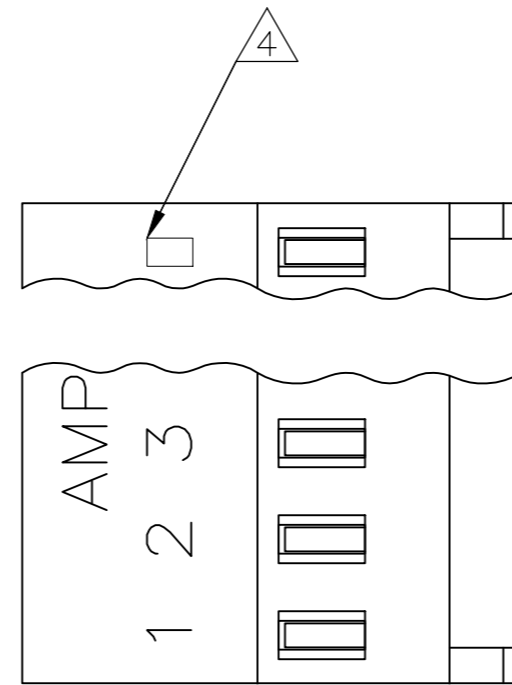


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - TE CONNECTIVITY ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
CM	00	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	NO	71.12[2.800]	28	2-643816-8	SUPERCEDED	7
	NO	68.58[2.700]	27	2-643816-7	SUPERCEDED	7
	NO	66.04[2.600]	26	2-643816-6	SUPERCEDED	7
	NO	63.50[2.500]	25	2-643816-5	SUPERCEDED	7
	NO	60.96[2.400]	24	2-643816-4	SUPERCEDED	7
	NO	58.42[2.300]	23	2-643816-3	SUPERCEDED	7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 ±		MATERIAL 1	RESTRICTED TO -	SCALE 5:1
3 PLC ± 0.13 [.005]		FINISH 1	SHEET 1 of 1	REV N
4 PLC ±		CUSTOMER DRAWING		
ANGLES ±		SCALE 5:1 SHEET 1 of 1 REV N		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [61082-181009](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-](#)  
[010LF](#) [65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68645-018](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-](#)  
[4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#)  
[FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#)