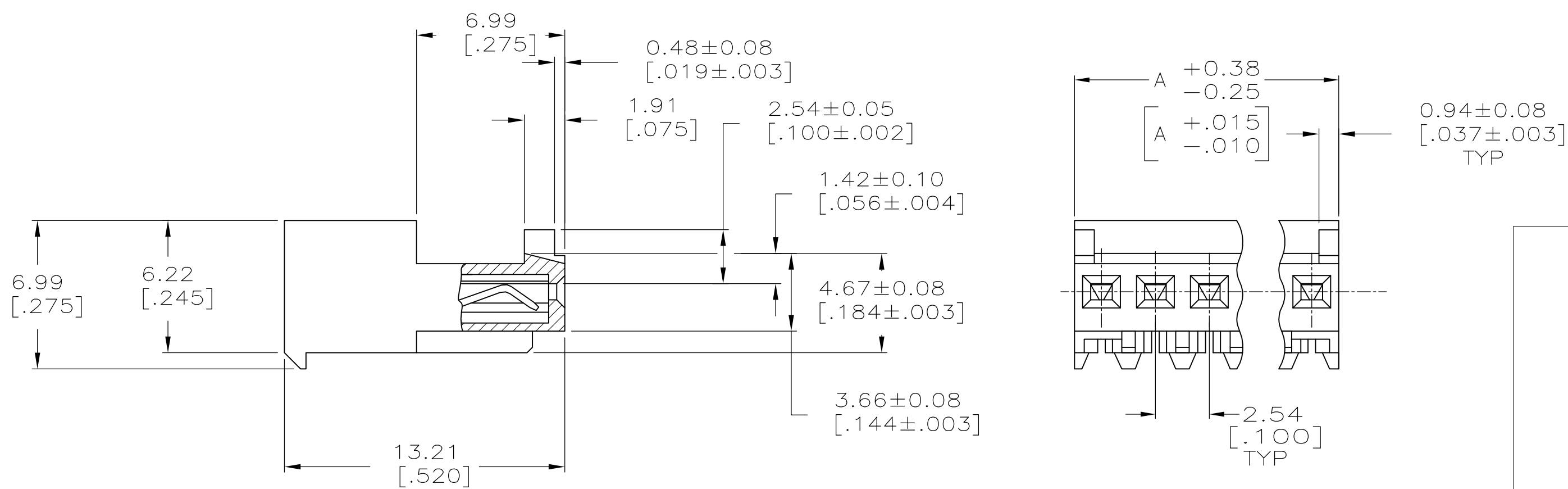
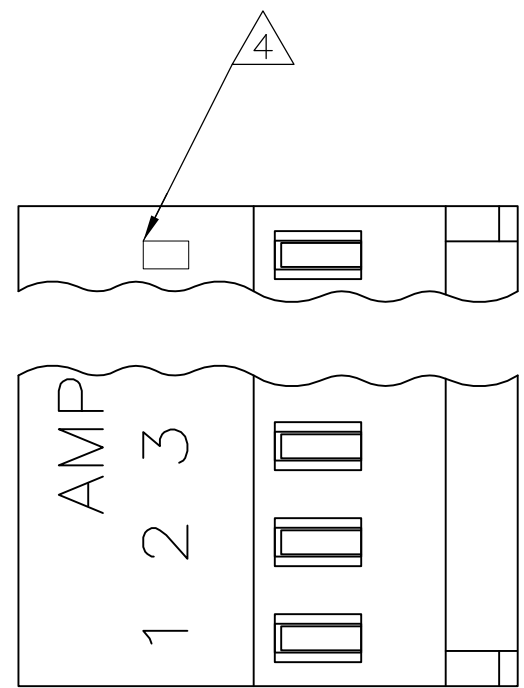


LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			G	ECR-13-008537	16SEP13	M.T	D.Z
			G1	ECO-14-010907	10SEP2014	KR	OC



1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
0.00076[.000030] GOLD OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH MATTE TIN SLOT AREA FOR
644042-2 THRU 2-644042-8 OR MATTE WHISKER
MITIGATED TIN FOR 3-644042-2 THRU 5-644042-8
OVER NICKEL UNDERPLATE.

2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
3 CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE 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

LEAD FREE	71.12	[2.800]	28	5-644042-8
	68.58	[2.700]	27	5-644042-7
	66.04	[2.600]	26	5-644042-6
	63.50	[2.500]	25	5-644042-5
	60.96	[2.400]	24	5-644042-4
	58.42	[2.300]	23	5-644042-3
	55.88	[2.200]	22	5-644042-2
	53.34	[2.100]	21	5-644042-1
	50.80	[2.000]	20	5-644042-0
	48.26	[1.900]	19	4-644042-9
	45.72	[1.800]	18	4-644042-8
	43.18	[1.700]	17	4-644042-7
	40.64	[1.600]	16	4-644042-6
	38.10	[1.500]	15	4-644042-5
	35.56	[1.400]	14	4-644042-4
	33.02	[1.300]	13	4-644042-3
	30.48	[1.200]	12	4-644042-2
	27.94	[1.100]	11	4-644042-1
	25.40	[1.000]	10	4-644042-0
	22.86	[.900]	9	3-644042-9
20.32	[.800]	8	3-644042-8	
17.78	[.700]	7	3-644042-7	
15.24	[.600]	6	3-644042-6	
12.70	[.500]	5	3-644042-5	
10.16	[.400]	4	3-644042-4	
7.62	[.300]	3	3-644042-3	
5.08	[.200]	2	3-644042-2	
	DIM A	NO. OF POSN	ASSEMBLY	

$\frac{7}{7}$	S/B 5-644042-8
$\frac{7}{7}$	S/B 5-644042-7
$\frac{7}{7}$	S/B 5-644042-6
$\frac{7}{7}$	S/B 5-644042-4
$\frac{7}{7}$	S/B 5-644042-3
$\frac{7}{7}$	S/B 5-644042-2
$\frac{7}{7}$	S/B 5-644042-1
$\frac{7}{7}$	S/B 4-644042-9
$\frac{7}{7}$	S/B 4-644042-8
$\frac{7}{7}$	S/B 4-644042-7
$\frac{7}{7}$	S/B 4-644042-3
$\frac{7}{7}$	S/B 4-644042-1

LEAD FREE	71.12 [2.800]	28	2-644042-8
	68.58 [2.700]	27	2-644042-7
	66.04 [2.600]	26	2-644042-6
	63.50 [2.500]	25	2-644042-5
	60.96 [2.400]	24	2-644042-4
	58.42 [2.300]	23	2-644042-3
	55.88 [2.200]	22	2-644042-2
	53.34 [2.100]	21	2-644042-1
	50.80 [2.000]	20	2-644042-0
	48.26 [1.900]	19	1-644042-9
	45.72 [1.800]	18	1-644042-8
	43.18 [1.700]	17	1-644042-7
	40.64 [1.600]	16	1-644042-6
	38.10 [1.500]	15	1-644042-5
	35.56 [1.400]	14	1-644042-4
	33.02 [1.300]	13	1-644042-3
	30.48 [1.200]	12	1-644042-2
	27.94 [1.100]	11	1-644042-1
	25.40 [1.000]	10	1-644042-0
	22.86 [.900]	9	644042-9
20.32 [.800]	8	644042-8	
17.78 [.700]	7	644042-7	
15.24 [.600]	6	644042-6	
12.70 [.500]	5	644042-5	
10.16 [.400]	4	644042-4	
7.62 [.300]	3	644042-3	
5.08 [.200]	2	644042-2	
DIM A		NO.OF POSN	ASSEMBLY



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 28-DEC-2004 S. HOOVER CHK 28-DEC-2004 D. BOSSI APVD 28-DEC-2004 D. BOSSI		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 0.13 [.005] 3 PLC ± 4 PLC ± ANGLES ±		NAME MTA .100 CONECTOR ASSEMBLY 22 AWG, STANDARD	
		PRODUCT SPEC 108-1050 APPLICATION SPEC 114-1019		SIZE A1	
MATERIAL 		WEIGHT 		CAGE CODE 100779	
FINISH 		CUSTOMER DRAWING		DRAWING NO C-644042	
				RESTRICTED TO SCALE 5:1 SHEET 1 OF 1 REV G1	

Mouser Electronics

Authorized Distributor

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[644042-8](#)