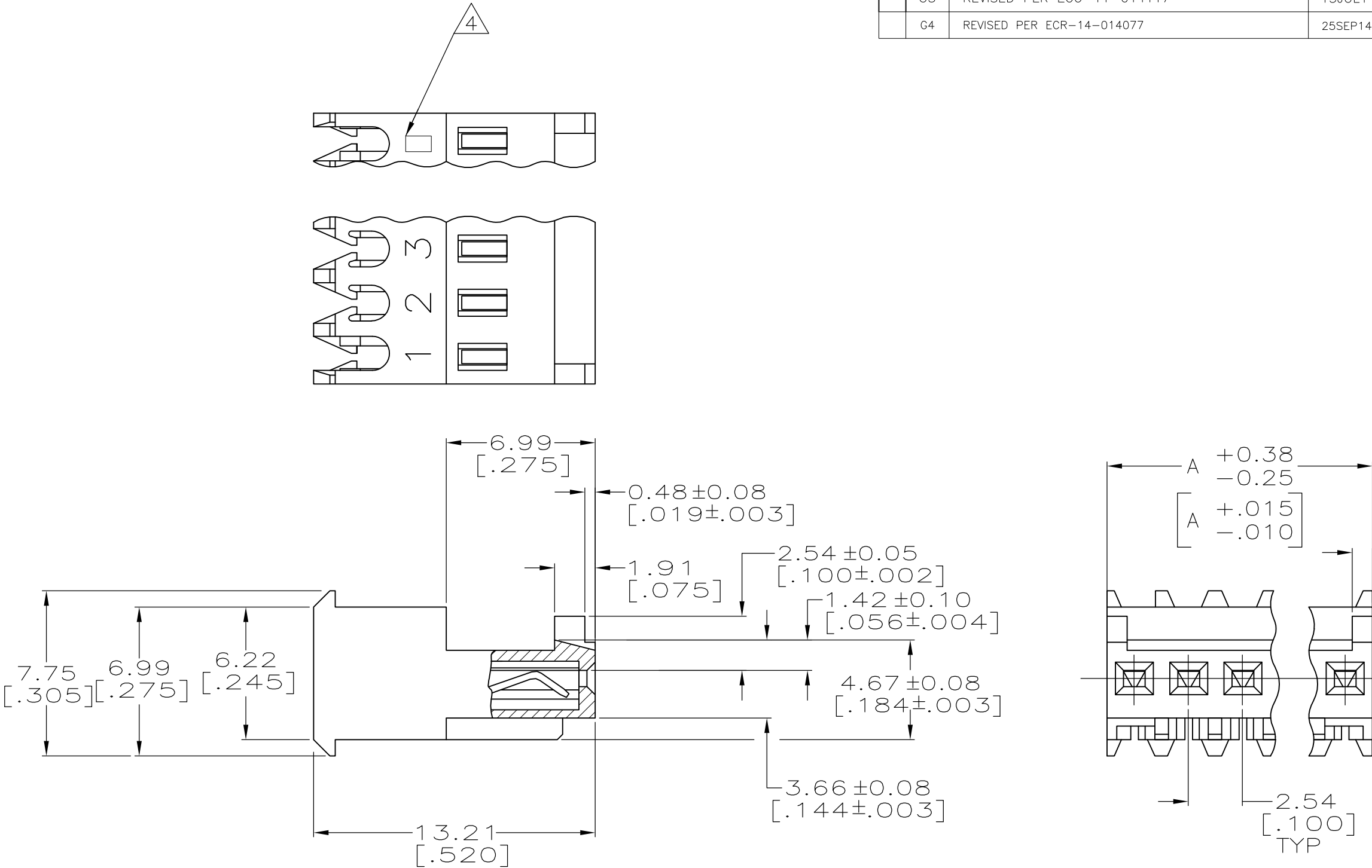


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
CM	00		G3	REVISED PER ECO-11-014117	13JUL11	HMR
			G4	REVISED PER ECR-14-014077	25SEP14	O.C

APVD	SM
	D.Z

D					
	YES	60.96[2.400]	24	5-644563-4	8-644563-4
	YES	58.42[2.300]	23	5-644563-3	8-644563-3
	YES	55.88[2.200]	22	5-644563-2	8-644563-2
	YES	53.34[2.100]	21	5-644563-1	8-644563-1
	YES	50.80[2.000]	20	5-644563-0	8-644563-0
	YES	48.26[1.900]	19	4-644563-9	7-644563-9
C	YES	45.72[1.800]	18	4-644563-8	7-644563-8
	YES	43.18[1.700]	17	4-644563-7	7-644563-7
	YES	40.64[1.600]	16	4-644563-6	7-644563-6
	YES	38.10[1.500]	15	4-644563-5	7-644563-5
	YES	35.56[1.400]	14	4-644563-4	7-644563-4
	YES	33.02[1.300]	13	4-644563-3	7-644563-3
	YES	30.48[1.200]	12	4-644563-2	7-644563-2
	YES	27.94[1.100]	11	4-644563-1	7-644563-1
	YES	25.40[1.000]	10	4-644563-0	7-644563-0
	YES	22.86[.900]	9	3-644563-9	6-644563-9
B	YES	20.32[.800]	8	3-644563-8	6-644563-8
	YES	17.78[.700]	7	3-644563-7	6-644563-7
	YES	15.24[.600]	6	3-644563-6	6-644563-6
	YES	12.70[.500]	5	3-644563-5	6-644563-5
	YES	10.16[.400]	4	3-644563-4	6-644563-4
	YES	7.62[.300]	3	3-644563-3	6-644563-3
	YES	5.08[.200]	2	3-644563-2	6-644563-2
A	NO	60.96[2.400]	24	2-644563-4	SUPERSEDED BY 5-644563-4
	NO	58.42[2.300]	23	2-644563-3	SUPERSEDED BY 5-644563-3
	NO	55.88[2.200]	22	2-644563-2	SUPERSEDED BY 5-644563-2
	NO	53.34[2.100]	21	2-644563-1	SUPERSEDED BY 5-644563-1
	NO	50.80[2.000]	20	2-644563-0	OBSOLETE
	NO	48.26[1.900]	19	1-644563-9	
	NO	45.72[1.800]	18	1-644563-8	
	NO	43.18[1.700]	17	1-644563-7	
	NO	40.64[1.600]	16	1-644563-6	SUPERSEDED BY 4-644563-6
	NO	38.10[1.500]	15	1-644563-5	
	NO	35.56[1.400]	14	1-644563-4	OBSOLETE
	NO	33.02[1.300]	13	1-644563-3	
	NO	30.48[1.200]	12	1-644563-2	
	NO	27.94[1.100]	11	1-644563-1	
	NO	25.40[1.000]	10	1-644563-0	
	NO	22.86[.900]	9	644563-9	
	NO	20.32[.800]	8	644563-8	
	NO	17.78[.700]	7	644563-7	
	NO	15.24[.600]	6	644563-6	
	NO	12.70[.500]	5	644563-5	
	NO	10.16[.400]	4	644563-4	
	NO	7.62[.300]	3	644563-3	
	NO	5.08[.200]	2	644563-2	
	LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	



- MATERIAL: CONNECTOR – NYLON UL94V-2 (WHITE);
CONTACTS – 0.30[.012] THICK COPPER ALLOY;
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS FOR 644563-2 THRU 2-644563-8;
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-644563-2 THRU 5-644563-4;
0.00038[.000015] GOLD IN CONTACT AREA, WITH MATTE TIN OVER NICKEL UNDERPLATE
FOR 6-644563-2 THRU 8-644563-4;
2. CONTACTS ACCEPT 24 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 0.64±0.03[.025] POST AND REMAIN LOCKED IN POSITION.
- IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
5. DIMENSIONS IN BRACKETS ARE IN INCHES.
6. HOUSING FEATURES ARE: FEED THRU WITH LOCKING RAMP AND WITH POLARIZING TAB.
- OBSOLETE PARTS.
- PRELIMINARY – NOT FOR PRODUCTION FOR 6-644563-2 THRU 8-644563-4.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER	12JUN2003	TE Connectivity		
		CHK D. BOSSI	12JUN2003			
		APVD D. BOSSI	12JUN2003	NAME		
		PRODUCT SPEC		MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD		
		APPLICATION SPEC				
		114-1019		SIZE	CAGE CODE	DRAWING NO
		WEIGHT		A2	00779	G-644563
		CUSTOMER DRAWING		SCALE	5:1	SHEET 1 of 1
				REV	G4	

Mouser Electronics

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[1-644563-3](#)