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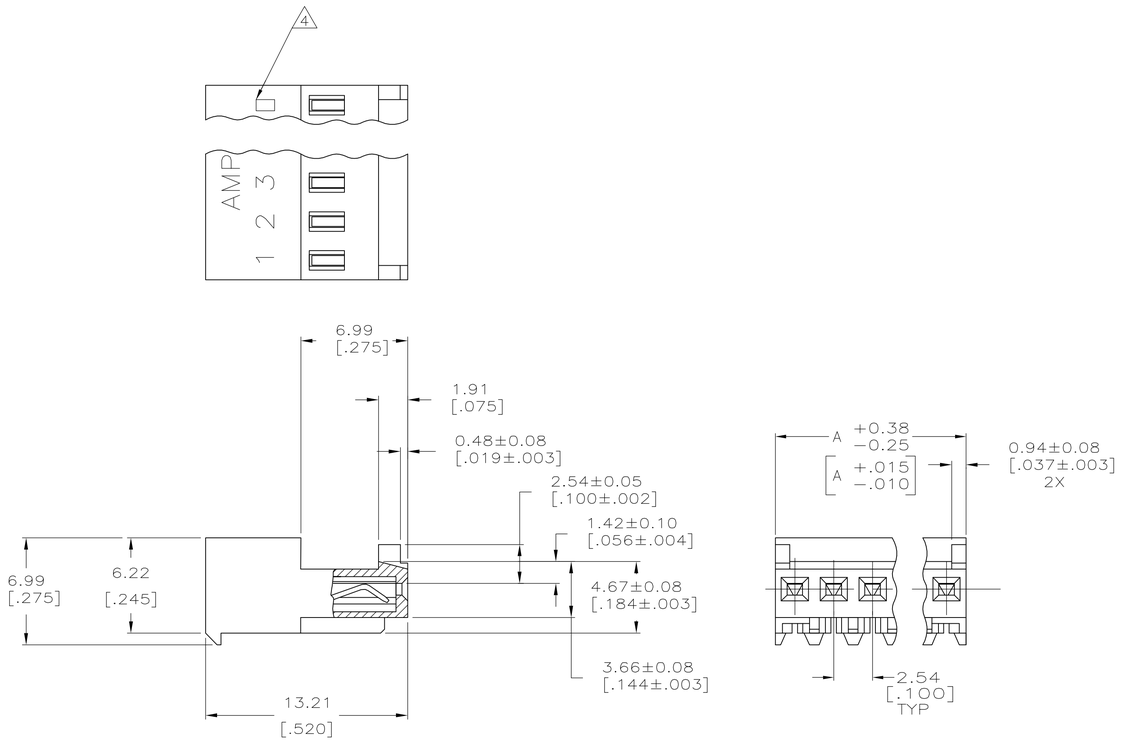
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECO-07-003754	27FEB07	KW	DB



LEAD FREE			
	35.56 [1.400]	14	4-1744020-4
	33.02 [1.300]	13	4-1744020-3
	30.48 [1.200]	12	4-1744020-2
	27.94 [1.100]	11	4-1744020-1
	25.40 [1.000]	10	4-1744020-0
	22.86 [.900]	9	3-1744020-9
	20.32 [.800]	8	3-1744020-8
	17.78 [.700]	7	3-1744020-7
	15.24 [.600]	6	3-1744020-6
	12.70 [.500]	5	3-1744020-5
	10.16 [.400]	4	3-1744020-4
	7.62 [.300]	3	3-1744020-3
	5.08 [.200]	2	3-1744020-2
	DIM A	NO.OF POSN	ASSEMBLY

CONTAINS LEAD			
	35.56 [1.400]	14	1-1744020-4
	33.02 [1.300]	13	1-1744020-3
	30.48 [1.200]	12	1-1744020-2
	27.94 [1.100]	11	1-1744020-1
	25.40 [1.000]	10	1-1744020-0
	22.86 [.900]	9	1744020-9
	20.32 [.800]	8	1744020-8
	17.78 [.700]	7	1744020-7
	15.24 [.600]	6	1744020-6
	12.70 [.500]	5	1744020-5
	10.16 [.400]	4	1744020-4
	7.62 [.300]	3	1744020-3
	5.08 [.200]	2	1744020-2
	DIM A	NO.OF POSN	ASSEMBLY

1. MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE). CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.000038 [.000015] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 1744020-2 THRU 1-1744020-4, MATTE WHISKER MITIGATED TIN FOR 3-1744020-2 THRU 4-1744020-4 OVER NICKEL UNDERPLATE.
2. CONTACTS ACCEPT 24 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. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± 0.13 [.005]
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL 1 FINISH 1

DWN S. HOOVER 20-DEC-2004
CHK D. BOSSI 20-DEC-2004
APVD D. BOSSI 20-DEC-2004
PRODUCT SPEC 108-1050
APPLICATION SPEC 114-1019
WEIGHT

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME MTA .100 CONNECTOR ASSEMBLY 24 AWG, STANDARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1744020	

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1 REV C