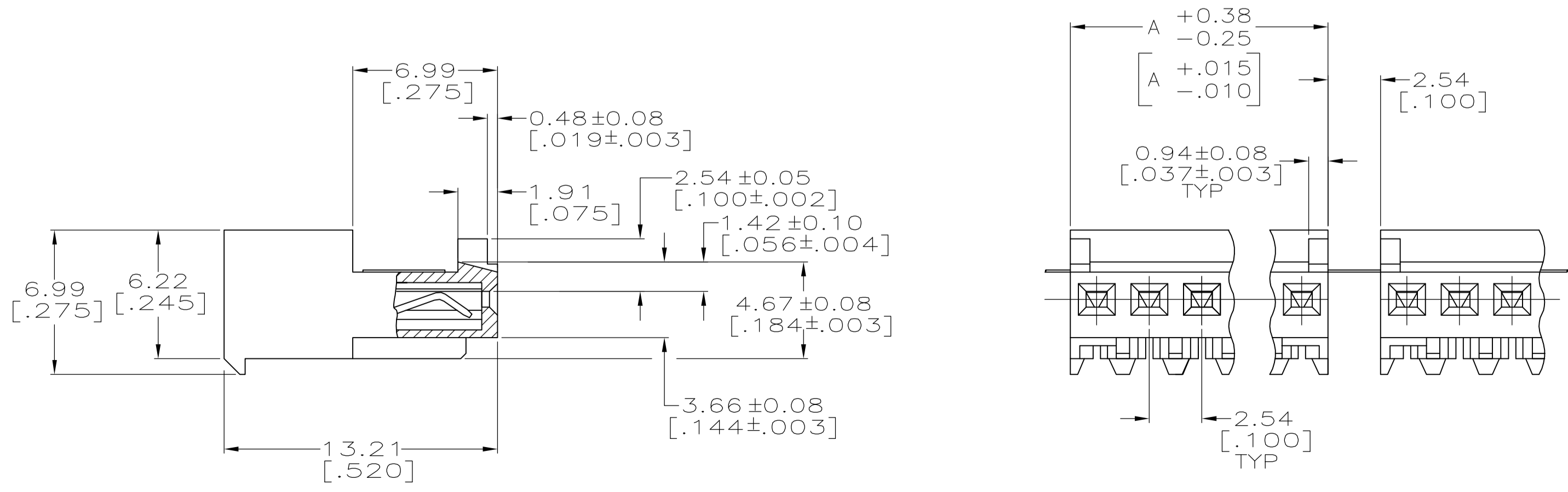
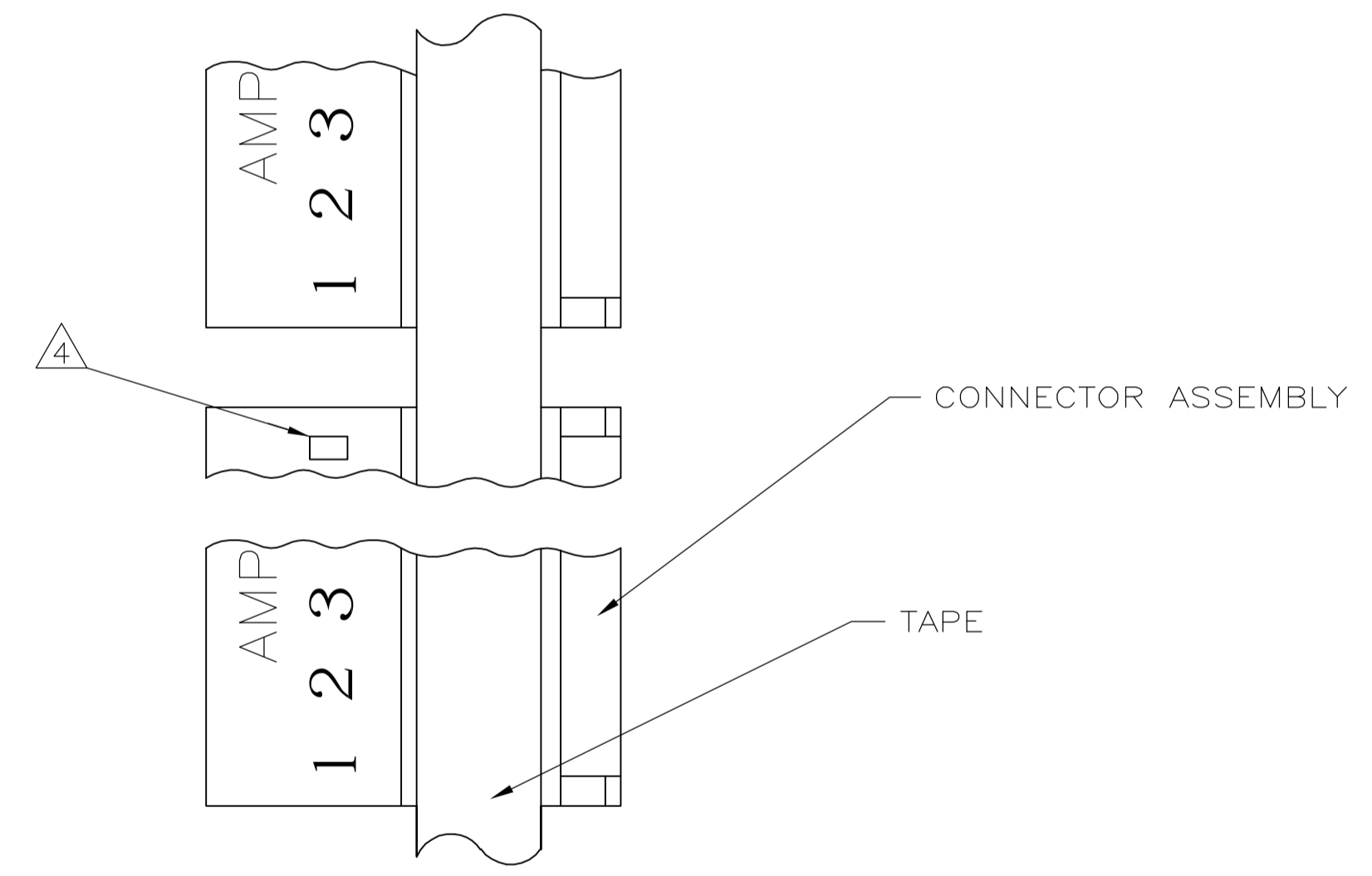


1. MATERIAL: CONNECTOR-NYLON UL94V-2 (GREEN).
 CONTACTS-0.30 [.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS
 644514-2 THRU 2-644514-8,
 MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER
 NICKEL UNDERPLATE FOR CONTACTS 3-644514-2 THRU 5-644514-8.
2. CONTACTS ACCEPT 28 AWG WIRE WITH 1.52 [.060] MAXIMUM 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 POLARIZING TAB.



LEAD FREE	71.12 [2.800]	28	5-644514-8
	68.58 [2.700]	27	5-644514-7
	66.04 [2.600]	26	5-644514-6
	63.50 [2.500]	25	5-644514-5
	60.96 [2.400]	24	5-644514-4
	58.42 [2.300]	23	5-644514-3
	55.88 [2.200]	22	5-644514-2
	53.34 [2.100]	21	5-644514-1
	50.80 [2.000]	20	5-644514-0
	48.26 [1.900]	19	4-644514-9
	45.72 [1.800]	18	4-644514-8
	43.18 [1.700]	17	4-644514-7
	40.64 [1.600]	16	4-644514-6
	38.10 [1.500]	15	4-644514-5
CONTAINS LEAD	35.56 [1.400]	14	4-644514-4
	33.02 [1.300]	13	4-644514-3
	30.48 [1.200]	12	4-644514-2
	27.94 [1.100]	11	4-644514-1
	25.40 [1.000]	10	4-644514-0
	22.86 [.900]	9	3-644514-9
	20.32 [.800]	8	3-644514-8
	17.78 [.700]	7	3-644514-7
	15.24 [.600]	6	3-644514-6
	12.70 [.500]	5	3-644514-5
	10.16 [.400]	4	3-644514-4
	7.62 [.300]	3	3-644514-3
	5.08 [.200]	2	3-644514-2
	DIM A	NO.OF POSN	ASSEMBLY

CONTAINS LEAD	71.12 [2.800]	28	2-644514-8
	68.58 [2.700]	27	2-644514-7
	66.04 [2.600]	26	2-644514-6
	63.50 [2.500]	25	2-644514-5
	60.96 [2.400]	24	2-644514-4
	58.42 [2.300]	23	2-644514-3
	55.88 [2.200]	22	2-644514-2
	53.34 [2.100]	21	2-644514-1
	50.80 [2.000]	20	2-644514-0
	48.26 [1.900]	19	1-644514-9
	45.72 [1.800]	18	1-644514-8
	43.18 [1.700]	17	1-644514-7
	40.64 [1.600]	16	1-644514-6
	38.10 [1.500]	15	1-644514-5
CONTAINS LEAD	35.56 [1.400]	14	1-644514-4
	33.02 [1.300]	13	1-644514-3
	30.48 [1.200]	12	1-644514-2
	27.94 [1.100]	11	1-644514-1
	25.40 [1.000]	10	1-644514-0
	22.86 [.900]	9	644514-9
	20.32 [.800]	8	644514-8
	17.78 [.700]	7	644514-7
	15.24 [.600]	6	644514-6
	12.70 [.500]	5	644514-5
	10.16 [.400]	4	644514-4
	7.62 [.300]	3	644514-3
	5.08 [.200]	2	644514-2
	DIM A	NO.OF POSN	ASSEMBLY

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm (NCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 10-DEC-2004	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ±	± 0.13 [.005]	CHK D. BOSSI 10-DEC-2004	
1 PLC ±	±	APVD D. BOSSI 10-DEC-2004	NAME MTA-100 CONNECTOR ASSEMBLY, 28 AWG, TAPE MOUNTED, SPECIAL
2 PLC ±	±	PRODUCT SPEC	APPLICATION SPEC
3 PLC ±	±	SIZE	CAGE CODE DRAWING NO
4 PLC ±	±	WEIGHT	A1 00779 C=644514
ANGLES ±	±	CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 1 REV D