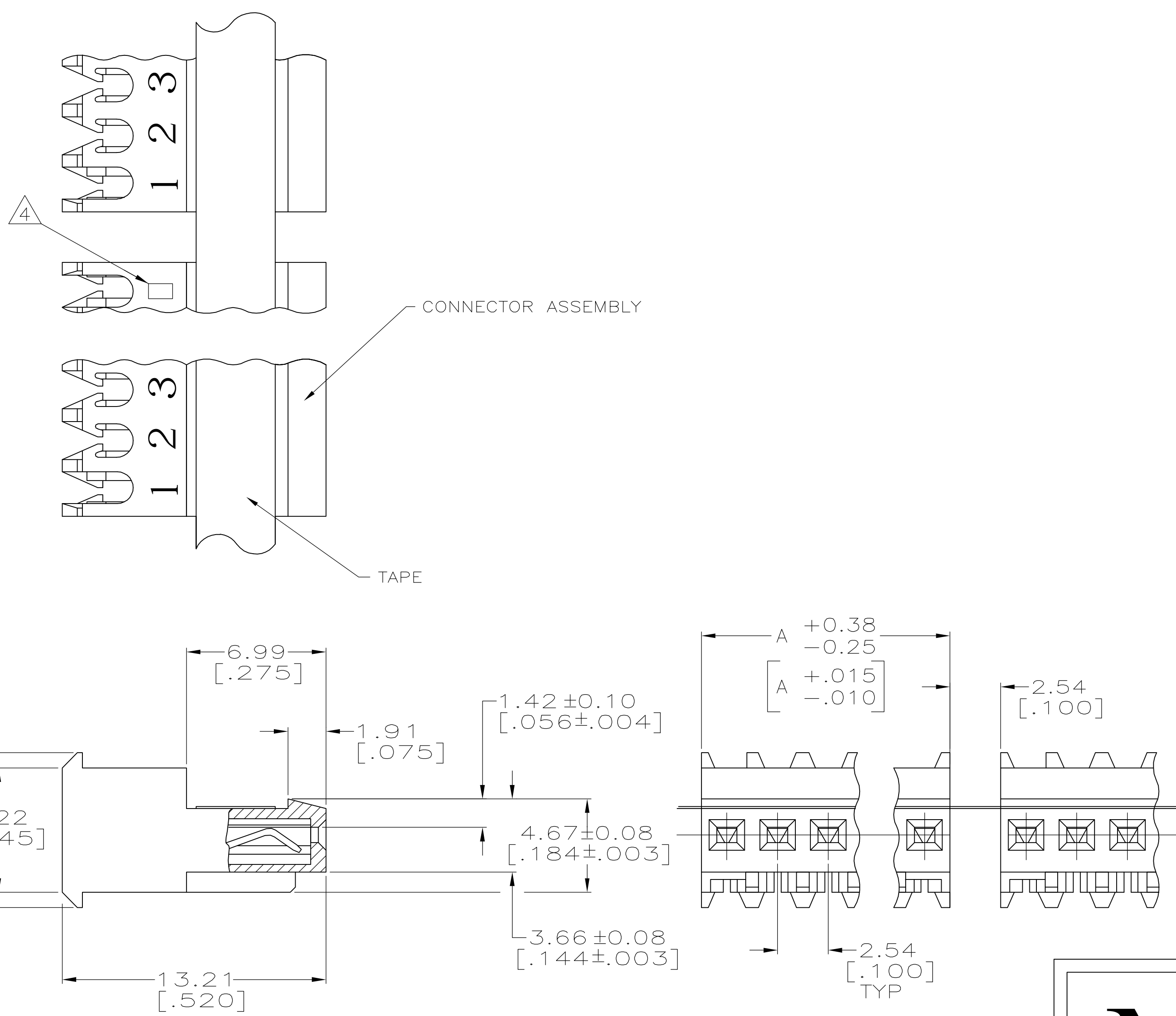


△ MATERIAL: CONNECTOR - NYLON UL94-V2 (WHITE)  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY  
 BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK  
 FOR CONTACTS 641312-2 THRU 2-641312-8.  
 MATTE WHISKER MITIGATED TIN PLATE 0.00203[.000080] MIN. THICK  
 OVER NICKEL UNDERPLATE FOR CONTACTS 3-641312-2 THRU  
 5-641312-8.

- CONTACTS ACCEPT 24 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.
  - CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.
- △ IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
- DIMENSIONS IN BRACKETS ARE IN INCHES.
  - HOUSING FEATURES ARE: FEED THRU WITH LOCKING RAMP.



71.12 [2.800]	28	5-641312-8
68.58 [2.700]	27	5-641312-7
66.04 [2.600]	26	5-641312-6
63.50 [2.500]	25	5-641312-5
60.96 [2.400]	24	5-641312-4
58.42 [2.300]	23	5-641312-3
55.88 [2.200]	22	5-641312-2
53.34 [2.100]	21	5-641312-1
50.80 [2.000]	20	5-641312-0
48.26 [1.900]	19	4-641312-9
45.72 [1.800]	18	4-641312-8
43.18 [1.700]	17	4-641312-7
40.64 [1.600]	16	4-641312-6
38.10 [1.500]	15	4-641312-5
35.56 [1.400]	14	4-641312-4
33.02 [1.300]	13	4-641312-3
30.48 [1.200]	12	4-641312-2
27.94 [1.100]	11	4-641312-1
25.40 [1.000]	10	4-641312-0
22.86 [.900]	9	3-641312-9
20.32 [.800]	8	3-641312-8
17.78 [.700]	7	3-641312-7
15.24 [.600]	6	3-641312-6
12.70 [.500]	5	3-641312-5
10.16 [.400]	4	3-641312-4
7.62 [.300]	3	3-641312-3
5.08 [.200]	2	3-641312-2
DIM A	NO.OF POSN	ASSEMBLY

71.12 [2.800]	28	2-641312-8
68.58 [2.700]	27	2-641312-7
66.04 [2.600]	26	2-641312-6
63.50 [2.500]	25	2-641312-5
60.96 [2.400]	24	2-641312-4
58.42 [2.300]	23	2-641312-3
55.88 [2.200]	22	2-641312-2
53.34 [2.100]	21	2-641312-1
50.80 [2.000]	20	2-641312-0
48.26 [1.900]	19	1-641312-9
45.72 [1.800]	18	1-641312-8
43.18 [1.700]	17	1-641312-7
40.64 [1.600]	16	1-641312-6
38.10 [1.500]	15	1-641312-5
35.56 [1.400]	14	1-641312-4
33.02 [1.300]	13	1-641312-3
30.48 [1.200]	12	1-641312-2
27.94 [1.100]	11	1-641312-1
25.40 [1.000]	10	1-641312-0
22.86 [.900]	9	641312-9
20.32 [.800]	8	641312-8
17.78 [.700]	7	641312-7
15.24 [.600]	6	641312-6
12.70 [.500]	5	641312-5
10.16 [.400]	4	641312-4
7.62 [.300]	3	641312-3
5.08 [.200]	2	641312-2
DIM A	NO.OF POSN	ASSEMBLY

# METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	FINISH
		±	±	±	±	±	±	1

APVD: S. HOOVER 10-DEC-2004  
 CHK: D. BOSSI 10-DEC-2004  
 D. BOSSI 10-DEC-2004

TYCO Electronics  
 Tyco Electronics Corporation  
 Harrisburg, Pa 17105-3608

PRODUCT SPEC: MTA-100 CONNECTOR ASSEMBLY, 24 AWG, TAPE MOUNTED, STANDARD  
 APPLICATION SPEC: 108-1050  
 114-1019

SIZE: A1  
 CAGE CODE: 00779  
 DRAWING NO: 641312

RESTRICTED TO: CUSTOMER DRAWING  
 SCALE: 6:1  
 SHEET: 1 OF 1  
 REV: L