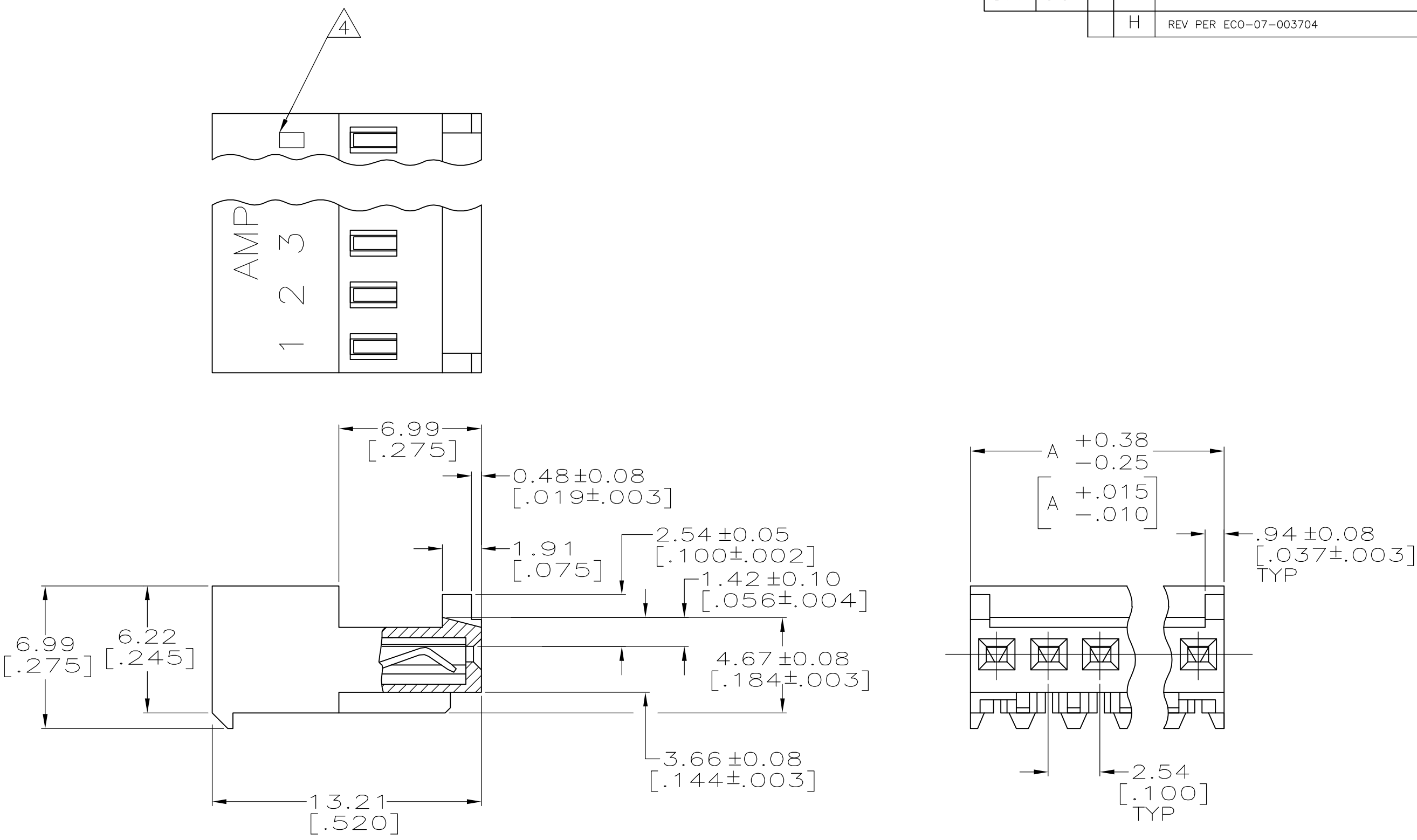


D	YES	71.12[2.800]	28	5-643813-8
	YES	68.58[2.700]	27	5-643813-7
	YES	66.04[2.600]	26	5-643813-6
	YES	63.50[2.500]	25	5-643813-5
	YES	60.96[2.400]	24	5-643813-4
	YES	58.42[2.300]	23	5-643813-3
	YES	55.88[2.200]	22	5-643813-2
	YES	53.34[2.100]	21	5-643813-1
	YES	50.80[2.000]	20	5-643813-0
	YES	48.26[1.900]	19	4-643813-9
C	YES	45.72[1.800]	18	4-643813-8
	YES	43.18[1.700]	17	4-643813-7
	YES	40.64[1.600]	16	4-643813-6
	YES	38.10[1.500]	15	4-643813-5
	YES	35.56[1.400]	14	4-643813-4
	YES	33.02[1.300]	13	4-643813-3
	YES	30.48[1.200]	12	4-643813-2
	YES	27.94[1.100]	11	4-643813-1
	YES	25.40[1.000]	10	4-643813-0
	YES	22.86[.900]	9	3-643813-9
B	YES	20.32[.800]	8	3-643813-8
	YES	17.78[.700]	7	3-643813-7
	YES	15.24[.600]	6	3-643813-6
	YES	12.70[.500]	5	3-643813-5
	YES	10.16[.400]	4	3-643813-4
	YES	7.62[.300]	3	3-643813-3
	YES	5.08[.200]	2	3-643813-2
	NO	71.12[2.800]	28	2-643813-8
	NO	68.58[2.700]	27	2-643813-7
	NO	66.04[2.600]	26	2-643813-6
A	NO	63.50[2.500]	25	2-643813-5
	NO	60.96[2.400]	24	2-643813-4
	NO	58.42[2.300]	23	2-643813-3
	NO	55.88[2.200]	22	2-643813-2
	NO	53.34[2.100]	21	2-643813-1
	NO	50.80[2.000]	20	2-643813-0
	NO	48.26[1.900]	19	1-643813-9
	NO	45.72[1.800]	18	1-643813-8
	NO	43.18[1.700]	17	1-643813-7
	NO	40.64[1.600]	16	1-643813-6
	NO	38.10[1.500]	15	1-643813-5
	NO	35.56[1.400]	14	1-643813-4
	NO	33.02[1.300]	13	1-643813-3
	NO	30.48[1.200]	12	1-643813-2
	NO	27.94[1.100]	11	1-643813-1
	NO	25.40[1.000]	10	1-643813-0
	NO	22.86[.900]	9	643813-9
	NO	20.32[.800]	8	643813-8
	NO	17.78[.700]	7	643813-7
	NO	15.24[.600]	6	643813-6
	NO	12.70[.500]	5	643813-5
	NO	10.16[.400]	4	643813-4
	NO	7.62[.300]	3	643813-3
	NO	5.08[.200]	2	643813-2
	LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.



- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 643813-2 THRU 2-643813-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
NICKEL UNDERPLATE FOR 3-643813-2 THRU 5-643813-8.
2. CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 0.64±0.03[.025] 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.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL 1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	± 0.13 [005]
4 PLC	±
ANGLES	±
FINISH	1

1

DWN
S. CARPENTER
11JUN2003

CHK
D. BOSSI
11JUN2003

APVD
D. BOSSI
11JUN2003

108-1050

114-1019

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME

MTA 100 CONNECTOR ASSEMBLY,
22 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=643813

RESTRICTED TO
-

SCALE
5:1

SHEET
1 of 1

REV
H