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LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	U	REVISED PER ECO-07-003722	22FEB07	KW	DB
	U1	REVISED PER ECO-09-023313	100CT09	KK	AEG

1. MATERIAL: CONNECTOR–NYLON UL94V–2 (GREEN).
CONTACTS–0.30 [.012] THICK COPPER ALLOY
BRIGHT TIN–LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS 640471–2 THRU 2–640471–8,
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER NICKEL UNDERPLATE FOR CONTACTS 3–640471–2 THRU 5–640471–8.

2. CONTACTS ACCEPT 28 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.

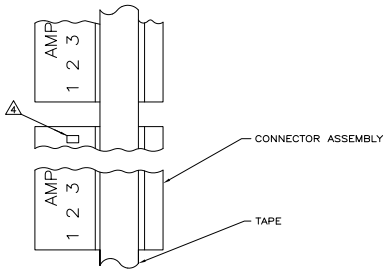
3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

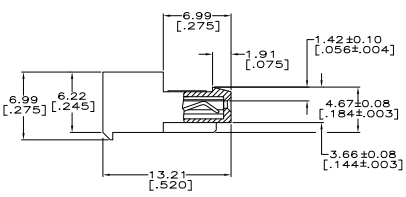
4. IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

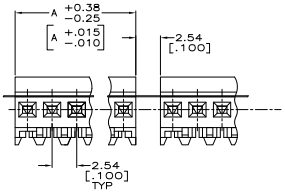
5. DIMENSIONS IN BRACKETS ARE IN INCHES.

6. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP.

7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI







LEAD FREE			
DIM A	NO.OF POSN	ASSEMBLY
71.12 [2.800]	28	5–640471–8
68.58 [2.700]	27	5–640471–7
66.04 [2.600]	26	5–640471–6
63.50 [2.500]	25	5–640471–5
60.96 [2.400]	24	5–640471–4
58.42 [2.300]	23	5–640471–3
55.88 [2.200]	22	5–640471–2
53.34 [2.100]	21	5–640471–1
50.80 [2.000]	20	5–640471–0
48.26 [1.900]	19	4–640471–9
45.72 [1.800]	18	4–640471–8
43.18 [1.700]	17	4–640471–7
40.64 [1.600]	16	4–640471–6
38.10 [1.500]	15	4–640471–5
35.56 [1.400]	14	4–640471–4
33.02 [1.300]	13	4–640471–3
30.48 [1.200]	12	4–640471–2
27.94 [1.100]	11	4–640471–1
25.40 [1.000]	10	4–640471–0
22.86 [.900]	9	3–640471–9
20.32 [.800]	8	3–640471–8
17.78 [.700]	7	3–640471–7
15.24 [.600]	6	3–640471–6
12.70 [.500]	5	3–640471–5
10.16 [.400]	4	3–640471–4
7.62 [.300]	3	3–640471–3
5.08 [.200]	2	3–640471–2

SUPERSEDED 7 CONTAINS LEAD			
DIM A	NO.OF POSN	ASSEMBLY
71.12 [2.800]	28	2–640471–8
68.58 [2.700]	27	2–640471–7
66.04 [2.600]	26	2–640471–6
63.50 [2.500]	25	2–640471–5
60.96 [2.400]	24	2–640471–4
58.42 [2.300]	23	2–640471–3
55.88 [2.200]	22	2–640471–2
53.34 [2.100]	21	2–640471–1
50.80 [2.000]	20	2–640471–0
48.26 [1.900]	19	1–640471–9
45.72 [1.800]	18	1–640471–8
43.18 [1.700]	17	1–640471–7
40.64 [1.600]	16	1–640471–6
38.10 [1.500]	15	1–640471–5
35.56 [1.400]	14	1–640471–4
33.02 [1.300]	13	1–640471–3
30.48 [1.200]	12	1–640471–2
27.94 [1.100]	11	1–640471–1
25.40 [1.000]	10	1–640471–0
22.86 [.900]	9	640471–9
20.32 [.800]	8	640471–8
17.78 [.700]	7	640471–7
15.24 [.600]	6	640471–6
12.70 [.500]	5	640471–5
10.16 [.400]	4	640471–4
7.62 [.300]	3	640471–3
5.08 [.200]	2	640471–2

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 ±, 0.13 [.005]

MATERIAL 1 FINISH 1

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

PRODUCT SPEC 108-1050
APPLICATION SPEC 114-1019
WEIGHT

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME MTA-100 CONNECTOR ASSEMBLY, 28 AWG, TAPE MOUNTED, STANDARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	REV
A1	00779	C-640471		U1

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1

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