

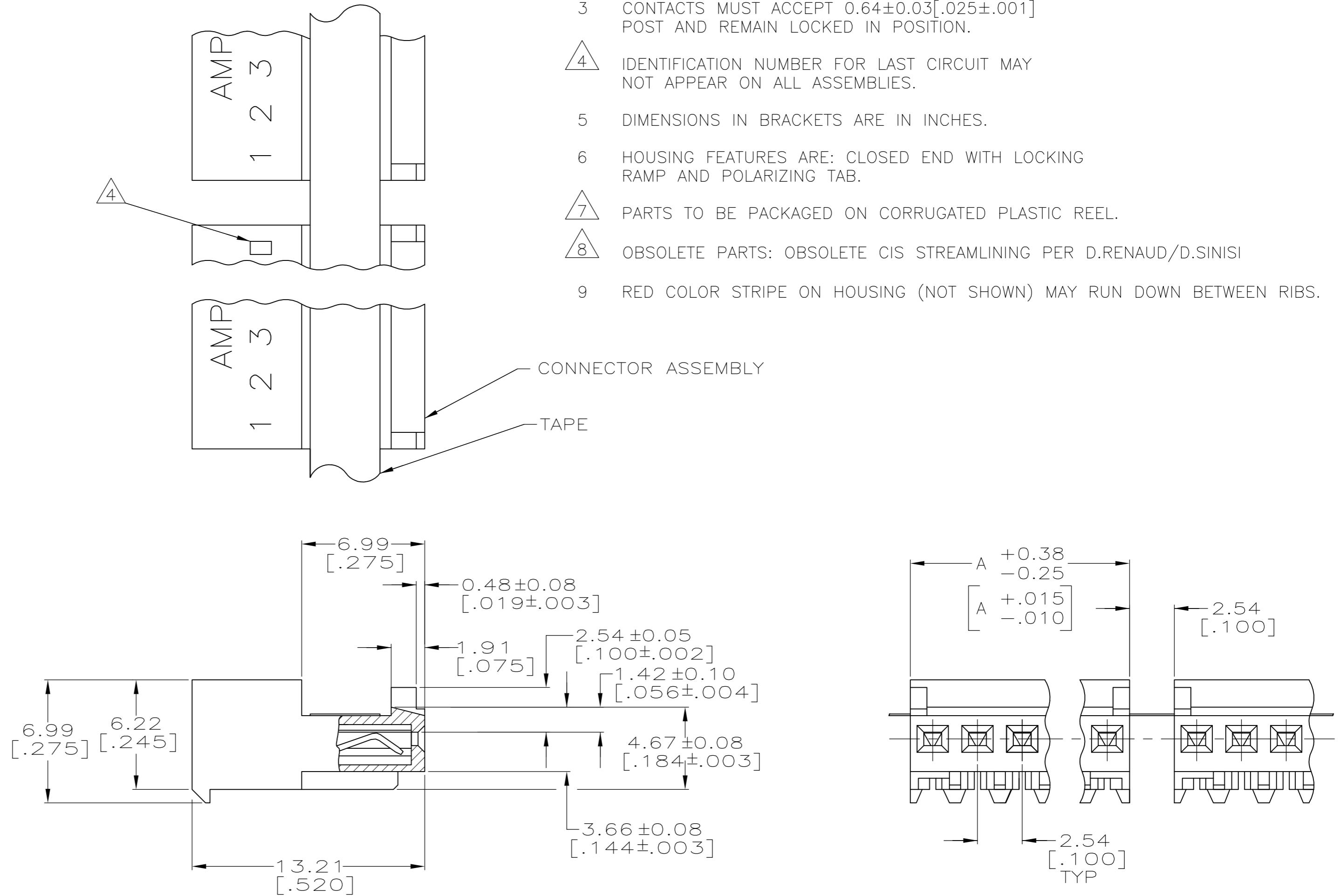
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
CM	00	R		REVISED PER ECO-12-007492	03AUG12	KH	SM

- 1 MATERIAL: CONNECTOR - NYLON UL94-V2  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY  
 BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK  
 FOR CONTACTS 644511-2 THRU 2-644511-8.  
 MATTE WHISKER MITIGATED TIN PLATE 0.00203[.000080] MIN. THICK  
 OVER NICKEL UNDERPLATE FOR CONTACTS 3-644511-5 AND 4-644511-2  
 THRU 6-644511-8.
- 2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX  
 INSULATION DIAMETER.
- 3 CONTACTS MUST ACCEPT 0.64±0.03[.025±.001]  
 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.
- 7 PARTS TO BE PACKAGED ON CORRUGATED PLASTIC REEL.
- 8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 9 RED COLOR STRIPE ON HOUSING (NOT SHOWN) MAY RUN DOWN BETWEEN RIBS.

	YES	DIM A	NO. OF CIRCUITS	PART NO.
D	YES	71.12[2.800]	28	6-644511-8
D	YES	68.58[2.700]	27	6-644511-7
D	YES	66.04[2.600]	26	6-644511-6
D	YES	63.50[2.500]	25	6-644511-5
D	YES	60.96[2.400]	24	6-644511-4
D	YES	58.42[2.300]	23	6-644511-3
D	YES	55.88[2.200]	22	6-644511-2
D	YES	53.34[2.100]	21	6-644511-1
D	YES	50.80[2.000]	20	6-644511-0
C	YES	48.26[1.900]	19	5-644511-9
C	YES	45.72[1.800]	18	5-644511-8
C	YES	43.18[1.700]	17	5-644511-7
C	YES	40.64[1.600]	16	5-644511-6
C	YES	38.10[1.500]	15	5-644511-5
C	YES	35.56[1.400]	14	5-644511-4
C	YES	33.02[1.300]	13	5-644511-3
C	YES	30.48[1.200]	12	5-644511-2
C	YES	27.94[1.100]	11	5-644511-1
C	YES	25.40[1.000]	10	5-644511-0
C	YES	22.86[.900]	9	4-644511-9
C	YES	20.32[.800]	8	4-644511-8
C	YES	17.78[.700]	7	4-644511-7
C	YES	15.24[.600]	6	4-644511-6
C	YES	12.70[.500]	5	4-644511-5
C	YES	10.16[.400]	4	4-644511-4
C	YES	7.62[.300]	3	4-644511-3
C	YES	5.08[.200]	2	4-644511-2
C	YES	12.70[.500]	5	3-644511-5
B	NO	71.12[2.800]	28	2-644511-8
B	NO	68.58[2.700]	27	2-644511-7
B	NO	66.04[2.600]	26	2-644511-6
B	NO	63.50[2.500]	25	2-644511-5
B	NO	60.96[2.400]	24	2-644511-4
B	NO	58.42[2.300]	23	2-644511-3
B	NO	55.88[2.200]	22	2-644511-2
B	NO	53.34[2.100]	21	2-644511-1
B	NO	50.80[2.000]	20	2-644511-0
B	NO	48.26[1.900]	19	1-644511-9
B	NO	45.72[1.800]	18	1-644511-8
B	NO	43.18[1.700]	17	1-644511-7
B	NO	40.64[1.600]	16	1-644511-6
B	NO	38.10[1.500]	15	1-644511-5
B	NO	35.56[1.400]	14	1-644511-4
B	NO	33.02[1.300]	13	1-644511-3
B	NO	30.48[1.200]	12	1-644511-2
B	NO	27.94[1.100]	11	1-644511-1
B	NO	25.40[1.000]	10	1-644511-0
B	NO	22.86[.900]	9	644511-9
B	NO	20.32[.800]	8	644511-8
B	NO	17.78[.700]	7	644511-7
B	NO	15.24[.600]	6	644511-6
B	NO	12.70[.500]	5	644511-5
B	NO	10.16[.400]	4	644511-4
B	NO	7.62[.300]	3	644511-3
B	NO	5.08[.200]	2	644511-2
A	NO	71.12[2.800]	28	644511-8
A	NO	68.58[2.700]	27	644511-7
A	NO	66.04[2.600]	26	644511-6
A	NO	63.50[2.500]	25	644511-5
A	NO	60.96[2.400]	24	644511-4
A	NO	58.42[2.300]	23	644511-3
A	NO	55.88[2.200]	22	644511-2
A	NO	53.34[2.100]	21	644511-1
A	NO	50.80[2.000]	20	644511-0
A	NO	48.26[1.900]	19	644511-9
A	NO	45.72[1.800]	18	644511-8
A	NO	43.18[1.700]	17	644511-7
A	NO	40.64[1.600]	16	644511-6
A	NO	38.10[1.500]	15	644511-5
A	NO	35.56[1.400]	14	644511-4
A	NO	33.02[1.300]	13	644511-3
A	NO	30.48[1.200]	12	644511-2
A	NO	27.94[1.100]	11	644511-1
A	NO	25.40[1.000]	10	644511-0
A	NO	22.86[.900]	9	644511-9
A	NO	20.32[.800]	8	644511-8
A	NO	17.78[.700]	7	644511-7
A	NO	15.24[.600]	6	644511-6
A	NO	12.70[.500]	5	644511-5
A	NO	10.16[.400]	4	644511-4
A	NO	7.62[.300]	3	644511-3
A	NO	5.08[.200]	2	644511-2
A	LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.

7  
 8  
 SUPERSEDED



METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 08AUG2003		
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 08AUG2003		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 08AUG2003	NAME	
0 PLC ±	1 PLC ±	PRODUCT SPEC	MTA-100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD, TAPE MOUNTED	
2 PLC ±	3 PLC ± 0.13 [.005]	APPLICATION SPEC	SIZE	CAGE CODE
4 PLC ±	ANGLES ±	FINISH	A2	00779
MATERIAL		WEIGHT	DRAWING NO	RESTRICTED TO
1		1	C=644511	-
CUSTOMER DRAWING			SCALE	SHEET
			5:1	1 of 1
			REV	R