



- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (GREEN).  
CONTACTS - 0.30[.012] THICK COPPER ALLOY  
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS  
FOR 640623-2 THRU 2-640623-8.  
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER  
NICKEL UNDERPLATE FOR 3-640623-2 THRU 5-640623-8.
- 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: FEED THRU WITH LOCKING RAMP.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 8 OBSOLETE PARTS

71.12	[2.800]	28	5-640623-8
68.58	[2.700]	27	5-640623-7
66.04	[2.600]	26	5-640623-6
63.50	[2.500]	25	5-640623-5
60.96	[2.400]	24	5-640623-4
58.42	[2.300]	23	5-640623-3
55.88	[2.200]	22	5-640623-2
53.34	[2.100]	21	5-640623-1
50.80	[2.000]	20	5-640623-0
48.26	[1.900]	19	4-640623-9
45.72	[1.800]	18	4-640623-8
43.18	[1.700]	17	4-640623-7
40.64	[1.600]	16	4-640623-6
38.10	[1.500]	15	4-640623-5
35.56	[1.400]	14	4-640623-4
33.02	[1.300]	13	4-640623-3
30.48	[1.200]	12	4-640623-2
27.94	[1.100]	11	4-640623-1
25.40	[1.000]	10	4-640623-0
22.86	[.900]	9	3-640623-9
20.32	[.800]	8	3-640623-8
17.78	[.700]	7	3-640623-7
15.24	[.600]	6	3-640623-6
12.70	[.500]	5	3-640623-5
10.16	[.400]	4	3-640623-4
7.62	[.300]	3	3-640623-3
5.08	[.200]	2	3-640623-2
DIM A		NO.OF POSN	ASSEMBLY

SUPERSEDED	71.12	[2.800]	28	<del>2-640623-8</del>
△	68.58	[2.700]	27	<del>2-640623-7</del>
△	66.04	[2.600]	26	<del>2-640623-6</del>
△	63.50	[2.500]	25	<del>2-640623-5</del>
△	60.96	[2.400]	24	<del>2-640623-4</del>
△	58.42	[2.300]	23	<del>2-640623-3</del>
△	55.88	[2.200]	22	<del>2-640623-2</del>
△	53.34	[2.100]	21	<del>2-640623-1</del>
8 SUPERSEDED	50.80	[2.000]	20	<del>2-640623-0</del>
△	48.26	[1.900]	19	<del>1-640623-9</del>
SUPERSEDED	45.72	[1.800]	18	<del>1-640623-8</del>
△	43.18	[1.700]	17	<del>1-640623-7</del>
△	40.64	[1.600]	16	<del>1-640623-6</del>
△	38.10	[1.500]	15	<del>1-640623-5</del>
△	35.56	[1.400]	14	<del>1-640623-4</del>
△	33.02	[1.300]	13	<del>1-640623-3</del>
△	30.48	[1.200]	12	<del>1-640623-2</del>
△	27.94	[1.100]	11	<del>1-640623-1</del>
8 SUPERSEDED	25.40	[1.000]	10	<del>1-640623-0</del>
△	22.86	[.900]	9	<del>640623-9</del>
SUPERSEDED	20.32	[.800]	8	<del>640623-8</del>
△	17.78	[.700]	7	<del>640623-7</del>
△	15.24	[.600]	6	<del>640623-6</del>
△	12.70	[.500]	5	<del>640623-5</del>
SUPERSEDED	10.16	[.400]	4	<del>640623-4</del>
△	7.62	[.300]	3	<del>640623-3</del>
△	5.08	[.200]	2	<del>640623-2</del>
DIM A		NO.OF POSN	ASSEMBLY	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 10-DEC-2004	APVO D. ROSSI 10-DEC-2004	NAME
0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±
ANGLES ±	0.13 [.005]			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE
1	1	A1 00779	640623	640623
CUSTOMER DRAWING		SCALE	SHEET	REV
		6:1	1 of 1	1

STE TE Connectivity

MTA-100 CONNECTOR ASSEMBLY, 28 AWG, STANDARD