



1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
0.00076[.000030] GOLD OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH MATTE TIN SLOT AREA FOR
644042-2 THRU 2-644042-8 OR MATTE WHISKER
MITIGATED TIN FOR 3-644042-2 THRU 5-644042-8
OVER NICKEL UNDERPLATE.

- 2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX 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 AND WITH POLARIZING TAB.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

DIM A	NO. OF POSN	ASSEMBLY
71.12 [2.800]	28	5-644042-8
68.58 [2.700]	27	5-644042-7
66.04 [2.600]	26	5-644042-6
63.50 [2.500]	25	5-644042-5
60.96 [2.400]	24	5-644042-4
58.42 [2.300]	23	5-644042-3
55.88 [2.200]	22	5-644042-2
53.34 [2.100]	21	5-644042-1
50.80 [2.000]	20	5-644042-0
48.26 [1.900]	19	4-644042-9
45.72 [1.800]	18	4-644042-8
43.18 [1.700]	17	4-644042-7
40.64 [1.600]	16	4-644042-6
38.10 [1.500]	15	4-644042-5
35.56 [1.400]	14	4-644042-4
33.02 [1.300]	13	4-644042-3
30.48 [1.200]	12	4-644042-2
27.94 [1.100]	11	4-644042-1
25.40 [1.000]	10	4-644042-0
22.86 [.900]	9	3-644042-9
20.32 [.800]	8	3-644042-8
17.78 [.700]	7	3-644042-7
15.24 [.600]	6	3-644042-6
12.70 [.500]	5	3-644042-5
10.16 [.400]	4	3-644042-4
7.62 [.300]	3	3-644042-3
5.08 [.200]	2	3-644042-2

7	S/B 5-644042-8	71.12 [2.800]	28	2-644042-8
7	S/B 5-644042-7	68.58 [2.700]	27	2-644042-7
7	S/B 5-644042-6	66.04 [2.600]	26	2-644042-6
7	S/B 5-644042-5	63.50 [2.500]	25	2-644042-5
7	S/B 5-644042-4	60.96 [2.400]	24	2-644042-4
7	S/B 5-644042-3	58.42 [2.300]	23	2-644042-3
7	S/B 5-644042-2	55.88 [2.200]	22	2-644042-2
7	S/B 5-644042-1	53.34 [2.100]	21	2-644042-1
7	S/B 4-644042-9	50.80 [2.000]	20	2-644042-0
7	S/B 4-644042-8	48.26 [1.900]	19	1-644042-9
7	S/B 4-644042-7	45.72 [1.800]	18	1-644042-8
7	S/B 4-644042-6	43.18 [1.700]	17	1-644042-7
7	S/B 4-644042-5	40.64 [1.600]	16	1-644042-6
7	S/B 4-644042-4	38.10 [1.500]	15	1-644042-5
7	S/B 4-644042-3	35.56 [1.400]	14	1-644042-4
7	S/B 4-644042-2	33.02 [1.300]	13	1-644042-3
7	S/B 4-644042-1	30.48 [1.200]	12	1-644042-2
7	S/B 4-644042-0	27.94 [1.100]	11	1-644042-1
7	S/B 4-644042-0	25.40 [1.000]	10	1-644042-0
7	S/B 4-644042-9	22.86 [.900]	9	644042-9
7	S/B 4-644042-8	20.32 [.800]	8	644042-8
7	S/B 4-644042-7	17.78 [.700]	7	644042-7
7	S/B 4-644042-6	15.24 [.600]	6	644042-6
7	S/B 4-644042-5	12.70 [.500]	5	644042-5
7	S/B 4-644042-4	10.16 [.400]	4	644042-4
7	S/B 4-644042-3	7.62 [.300]	3	644042-3
7	S/B 4-644042-2	5.08 [.200]	2	644042-2
7	S/B 4-644042-1	DIM A	NO. OF POSN	ASSEMBLY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIM	S. HOOVER 28-DEC-2004	28-DEC-2004
1	D. ROSSI	28-DEC-2004
2	APVD	NAME
3	D. ROSSI	MTA .100 CONNECTOR ASSEMBLY
4	PRODUCT SPEC	22 AWG, STANDARD
5	108-1050	
6	APPLICATION SPEC	
7	114-1019	
8	FINISH	
9	REMARKS	
10	WEIGHT	
11	CAGE CODE	
12	DRAWING NO	
13	A1 00779	
14	Customer Drawing	
15	Customer Drawing	
16	Scale	
17	5:1	
18	Sheet	
19	1	
20	REV	
21	G1	

METRIC

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[2-644042-0](#)