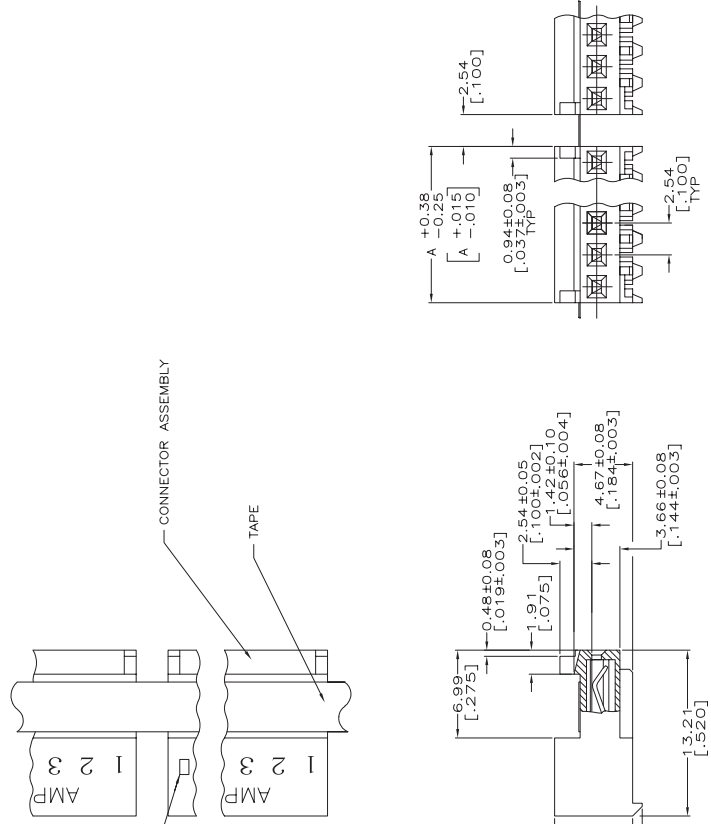


△ MATERIAL: CONNECTOR-NYLON UL94V-2 (GREEN).  
 CONTACTS-0.50 [.012] THICK COPPER ALLOY  
 BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS  
 644514-2 THRU 2-644514-8,  
 MATTIE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER  
 NICKEL UNDERPLATE FOR CONTACTS 3-644514-2 THRU 5-644514-8.

- CONTACTS ACCEPT 28 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.
- CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.
- IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
- DIMENSIONS IN BRACKETS ARE IN INCHES.
- HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP AND POLARIZING TAB.



DIM A	NO.OF POSN	ASSEMBLY
71.12 [2.800]	28	5-644514-8
68.58 [2.700]	27	5-644514-7
66.04 [2.600]	26	5-644514-6
63.50 [2.500]	25	5-644514-5
60.96 [2.400]	24	5-644514-4
58.42 [2.300]	23	5-644514-3
55.88 [2.200]	22	5-644514-2
53.34 [2.100]	21	5-644514-1
50.80 [2.000]	20	5-644514-0
48.26 [1.900]	19	4-644514-9
45.72 [1.800]	18	4-644514-8
43.18 [1.700]	17	4-644514-7
40.64 [1.600]	16	4-644514-6
38.10 [1.500]	15	4-644514-5
35.56 [1.400]	14	4-644514-4
33.02 [1.300]	13	4-644514-3
30.48 [1.200]	12	4-644514-2
27.94 [1.100]	11	4-644514-1
25.40 [1.000]	10	4-644514-0
22.86 [.900]	9	3-644514-9
20.32 [.800]	8	3-644514-8
17.78 [.700]	7	3-644514-7
15.24 [600]	6	3-644514-6
12.70 [500]	5	3-644514-5
10.16 [400]	4	3-644514-4
7.62 [300]	3	3-644514-3
5.08 [200]	2	3-644514-2
DIM A	NO.OF POSN	ASSEMBLY

DIM A	NO.OF POSN	ASSEMBLY
71.12 [2.800]	28	2-644514-8
68.58 [2.700]	27	2-644514-7
66.04 [2.600]	26	2-644514-6
63.50 [2.500]	25	2-644514-5
60.96 [2.400]	24	2-644514-4
58.42 [2.300]	23	2-644514-3
55.88 [2.200]	22	2-644514-2
53.34 [2.100]	21	2-644514-1
50.80 [2.000]	20	2-644514-0
48.26 [1.900]	19	1-644514-9
45.72 [1.800]	18	1-644514-8
43.18 [1.700]	17	1-644514-7
40.64 [1.600]	16	1-644514-6
38.10 [1.500]	15	1-644514-5
35.56 [1.400]	14	1-644514-4
33.02 [1.300]	13	1-644514-3
30.48 [1.200]	12	1-644514-2
27.94 [1.100]	11	1-644514-1
25.40 [1.000]	10	1-644514-0
22.86 [900]	9	644514-9
20.32 [800]	8	644514-8
17.78 [700]	7	644514-7
15.24 [600]	6	644514-6
12.70 [500]	5	644514-5
10.16 [400]	4	644514-4
7.62 [300]	3	644514-3
5.08 [200]	2	644514-2
DIM A	NO.OF POSN	ASSEMBLY

# METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNER: J. BRASS  
 CHECKER: J. BRASS  
 DATE: 04/11/07

REVISIONS:

REV	DESCRIPTION	DATE
1	REVISED PER ECO-07-003722	201607 KW DB

Customer Drawing: A1 00779 644514

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