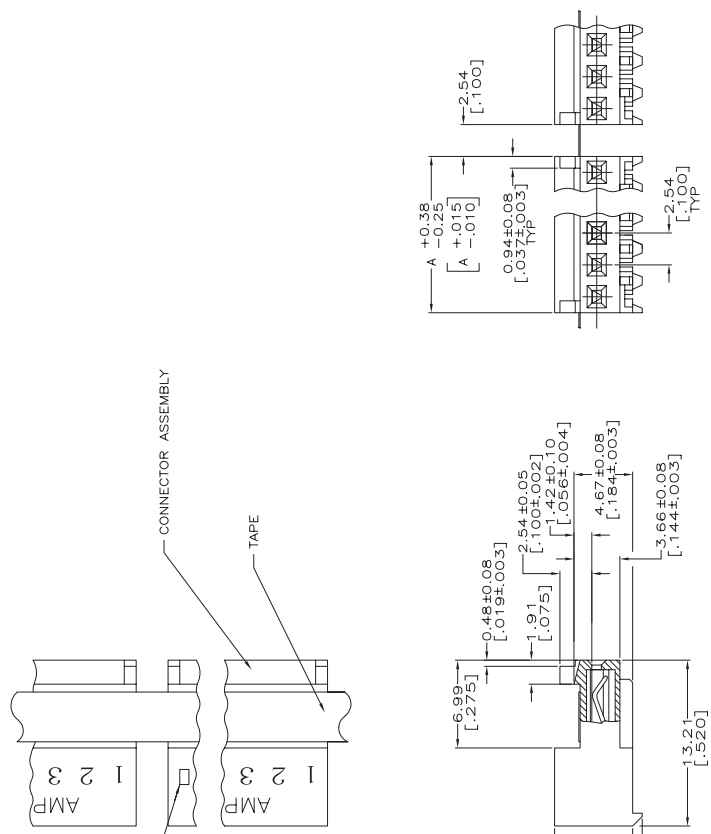


△ MATERIAL: CONNECTOR-NYLON UL94V-2 (GREEN).
 CONTACTS-0.50 [.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS
 644514-2 THRU 2-644514-8.
 MATTIE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER
 NICKEL UNDERPLATE FOR CONTACTS 3--644514-2 THRU 5-644514-8.

- 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.

DATE: 07-03-2018
 BY: S. HODDER
 CHECKED: J. BRASS
 DRAWN: J. BRASS
 PART NO: MTA-100 CONNECTOR ASSEMBLY, 28 AWG, TAPE MOUNTED, SPECIAL
 APPLICATION SPEC: A1 00779-644514
 SIZE: 5.11 (20)
 SCALE: 1:1 (20)
 MATERIAL: NYLON
 FINISH: METAL

REVISIONS

ECO-07-003722

201807 KW DB

Customer Drawing

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