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LOC

CM

DIST

00

REVISONS

F	LTR	DESCRIPTION	DATE	DWN	APVD
	AK	REVISED PER ECO-12-016927	04OCT12	KH	SM

EDGE OF BOARD

3.96
[.156]

TYP

6

$\phi 1.52^{+0.25}_{-0.00}$

$\phi .060^{+.010}_{-.000}$

$\phi \phi 0.25$

[.010]

M

TYP

12

4.57
[.180]

REF

2

RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.60 [.063] THICK P.C. BOARD

7.62±0.38
[.300±.015]

0.25/25.40

[.010/1.000]

(L)

1.14±0.03
[.045±.001]

3

10

10

$\phi \phi 0.20$

[.008]

M

0.38

[.015]

A

1

POST NO. 1

3.18±0.25
[.125±.010]

0.25/25.40

[.010/1.000]

3.96
[.156]

TYP

1.98±0.30
[.078±.012]

TYP

8

ALL POSTS

1.85±0.25
[.073±.010]

1

13

9.27
[.365]

MIN TYP

14

3.17±0.38
[.125±.015]

TYP

4

0.76
[.030]

MAX

4

10.80±0.25
[.425±.010]

16.51±0.38
[.650±.015]

10.16
[.400]

LEAD FREE

95.10	[3.744]	24	5-641209-4
91.14	[3.588]	23	5-641209-3
87.17	[3.432]	22	5-641209-2
83.21	[3.276]	21	5-641209-1
79.25	[3.120]	20	5-641209-0
75.29	[2.964]	19	4-641209-9
71.32	[2.808]	18	4-641209-8
67.36	[2.652]	17	4-641209-7
63.40	[2.496]	16	4-641209-6
59.44	[2.340]	15	4-641209-5
55.47	[2.184]	14	4-641209-4
51.51	[2.028]	13	4-641209-3
47.55	[1.872]	12	4-641209-2
43.59	[1.716]	11	4-641209-1
39.62	[1.560]	10	4-641209-0
35.66	[1.404]	9	3-641209-9
31.70	[1.248]	8	3-641209-8
27.74	[1.092]	7	3-641209-7
23.77	[.936]	6	3-641209-6
19.81	[.780]	5	3-641209-5
15.85	[.624]	4	3-641209-4
11.89	[.468]	3	3-641209-3
7.92	[.312]	2	3-641209-2
DIM (L)		NO.OF POSN	ASSEMBLY

CONTAINS LEAD

95.10	[3.744]	24	2-641209-4
91.14	[3.588]	23	2-641209-3
87.17	[3.432]	22	2-641209-2
83.21	[3.276]	21	2-641209-1
79.25	[3.120]	20	2-641209-0
75.29	[2.964]	19	1-641209-9
71.32	[2.808]	18	1-641209-8
67.36	[2.652]	17	1-641209-7
63.40	[2.496]	16	1-641209-6
59.44	[2.340]	15	1-641209-5
55.47	[2.184]	14	1-641209-4
51.51	[2.028]	13	1-641209-3
47.55	[1.872]	12	1-641209-2
43.59	[1.716]	11	1-641209-1
39.62	[1.560]	10	1-641209-0
35.66	[1.404]	9	641209-9
31.70	[1.248]	8	641209-8
27.74	[1.092]	7	641209-7
23.77	[.936]	6	641209-6
19.81	[.780]	5	641209-5
15.85	[.624]	4	641209-4
11.89	[.468]	3	641209-3
7.92	[.312]	2	641209-2
DIM (L)		NO.OF POSN	ASSEMBLY

1

POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.

2

TOLERANCES APPLY TO SOLDER SIDE OF BOARD.

3

MEASURED AT SURFACE

4

PLASTIC FLASH PERMITTED IN THIS AREA.

5

PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.

6

ONE HOLE MAY BE UNDERSIZED 1.30/1.17 [.051/.046] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.

7

MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)

8

COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.

9

PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.

10

POST TO BE MEASURED WHEN STRIP IS HELD FLAT.

11

POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.

12

DIMENSION SHOULD BE 4.45 [.175] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.

13

PLATING:GOLD PLATE AREA, 0.00076[.000030] GOLD OR 0.00008[.000003] MIN GOLD FLASH OVER 0.00068[.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127[.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.

14

PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.18 [.125] MINIMUM FOR -2 THRU -24. MATTE TIN PLATE AREA 0.00381-0.00889 [.000150-.000350] THICK ALL FOUR SIDES, 3.18 [.125] FOR -32 THRU -54.

15

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.13 [.005] 3 PLC ± - 4 PLC ± - ANGLES ± -

MATERIAL 7

FINISH 7

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APVD D BOSSI 07NOV02

PRODUCT SPEC

APPLICATION SPEC

SIZE

WEIGHT

CUSTOMER DRAWING

NAME

MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 ROUND POST, .000030 GOLD

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

00779

641209

SCALE 5:1

SHEET 1 OF 1

REV AK

METRIC

4805 (3/11)