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By -

LOC

DIST

CM

00

REVISED PER ECO-11-004587

11MAR11

RK

HMR

EDGE OF BOARD

3.96
[.156]
TYP

6

$\phi 1.78 \pm 0.25$
 $\phi 0.70 \pm 0.10$
 $\phi 0.25 \pm 0.00$

12

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

4.57
[.180]
REF

7.62±0.38
[.300±.015]

0.25/25.40
.010/1.000

1.14±0.03
[.045±.001]
SQUARE

3

10

10

$\phi 0.20 \pm 0.008$
[.008]M

0.38 ± 0.015
[.015]A

1

POST NO. 1

3.18±0.25
[.125±.010]

0.25/25.40
.010/1.000

3.96
[.156]
TYP

8

1.98±0.30
[.078±.012]
TYP

1.85±0.25
[.073±.010]

13

9.27
[.365]
TYP

4

0.76
[.030]
MAX

14

3.18±0.38
[.125±.015]
TYP

4

10.80±0.25
[.425±.010]

LEAD

FREE

NO. OF POSN

ASSEMBLY

LEAD

FREE

NO. OF POSN

ASSEMBLY

95.10 [3.744]

24

5-641208-4

91.14 [3.588]

23

5-641208-3

87.17 [3.432]

22

5-641208-2

83.21 [3.276]

21

5-641208-1

79.25 [3.120]

20

5-641208-0

75.29 [2.964]

19

4-641208-9

71.32 [2.808]

18

4-641208-8

67.36 [2.652]

17

4-641208-7

63.40 [2.496]

16

4-641208-6

59.44 [2.340]

15

4-641208-5

55.47 [2.184]

14

4-641208-4

51.51 [2.028]

13

4-641208-3

47.55 [1.872]

12

4-641208-2

43.59 [1.716]

11

4-641208-1

39.62 [1.560]

10

4-641208-0

35.66 [1.404]

9

3-641208-9

31.70 [1.248]

8

3-641208-8

27.74 [1.092]

7

3-641208-7

23.77 [.936]

6

3-641208-6

19.81 [.780]

5

3-641208-5

15.85 [.624]

4

3-641208-4

11.89 [.468]

3

3-641208-3

7.92 [.312]

2

3-641208-2

DIM (L)

NO.OF POSN

ASSEMBLY

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 -A-

4

PLASTIC FLASH PERMITTED IN THIS AREA.

5

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

6

ONE HOLE MAY BE UNDERSIZED 1.65/1.52 [.065/.060] 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] MINIMUM, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MINIMUM, 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

4805 (3/11)

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.13 [.005]

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

MATERIAL 7

FINISH 7

APPROVED

DATE

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DRAWN

CHECKED

DATE

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

HOOPER

07-NOV-2002

D. BOSSI

07-NOV-2002

D. BOSSI

07-NOV-2002

A1

00779

641208

5:1

1

1

REV

Z2

TE Connectivity

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