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AMP TRADE MARK
ON THIS SURFACE

$\phi 0.38 \text{ [.015]}$ M
TYP AT POSTS TIPS

3.30^{+0.13}_{-0.51}

$.130^{+.005}$ _{-.020}

13.59 $\pm$ 0.20

$[\text{.535}\pm\text{.008}]$

0.64 $\pm$ 0.02

$[\text{.025}\pm\text{.001}]$

$\phi 0.38 \text{ [.015]}$ M
TYP AT POSTS TIPS

9

D $\pm$ 0.08 $[\text{.003}]$

C REF

A SPACES AT
2.54 $[\text{.100}]$ = B

2.54 $[\text{.100}]$

1.52 $\pm$ 0.08

$[\text{.060}\pm\text{.003}]$

3.05^{+0.13}_{-0.18}

$.120^{+.005}$ _{-.007}

1.52 $\pm$ 0.08

$[\text{.060}\pm\text{.003}]$

3

4

2.54 $\pm$ 0.08

$[\text{.100}\pm\text{.003}]$

1.02 $\pm$ 0.05

$[\text{.040}\pm\text{.002}]$

0.51 $\pm$ 0.05

$[\text{.020}\pm\text{.002}]$

5

4.58 $\pm$ 0.05

$[\text{.180}\pm\text{.002}]$

TYP

B $\pm$ 0.08

$[\pm\text{.003}]$

$\phi 1.02\pm 0.08 \text{ [.040}\pm\text{.003}]$

TYP

PLATED THROUGH HOLE

HEADER PROFILE SHOWN FOR
ORIENTATION PURPOSES ONLY

0.00038 $[\text{.000015}]$ GOLD IN THE CONTACT AREA,
0.00254–0.00508 $[\text{.000100}–\text{.000200}]$
MATTE TIN–LEAD ON THE SOLDER TAIL,
ALL OVER 0.00127 $[\text{.000050}]$ NICKEL

2

POINT OF MEASUREMENT FOR PLATING THICKNESS

3

THE NOTED DIMENSIONS APPLY FROM THE BASIC
DIMENSION LINE (NOT THE POST CENTERLINE)
TO THE SURFACE INDICATED

4

ONE POLARIZATION SLOT FOR 2 POSITION ASSEMBLY ONLY.

5

DIMENSIONS NOTED ARE FOR SOLDER
STENCIL LAYOUT FOR USE WITH 1.57 $\pm$ 0.02 $[\text{.062}\pm\text{.008}]$
THICK PRINTED CIRCUIT BOARDS.

6

PARTS ARE PACKAGED IN GANG OF TUBES

7

0.00038 $[\text{.000015}]$ GOLD IN THE CONTACT AREA,
0.00254–0.00508 $[\text{.000100}–\text{.000200}]$
MATTE TIN ON THE SOLDER TAIL,
ALL OVER 0.00127 $[\text{.000050}]$ NICKEL.

8

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

9

0.25 $[\text{.010}]$ RECESS PERMISSIBLE IN THIS AREA FOR MOLD SHUT OFF

5.84 $\pm$ 0.38

$[\text{.230}\pm\text{.015}]$

5.08 (CONTACT AREA)

$[\text{.200}]$

2

2.54

$[\text{.100}]$

6.66

$[\text{.262}]$

REF

0.64^{+0.02}_{-0.05}

$[\text{.025}^{+.001}$ _{-.002}

$\phi 0.38 \text{ [.015]}$ M
TYP AT POSTS TIPS

2

SECTION A–A

8

65.91

$[\text{2.595}]$

64.01

$[\text{2.520}]$

60.96

$[\text{2.400}]$

24

25

7–104910–4

63.37

$[\text{2.495}]$

61.47

$[\text{2.420}]$

58.42

$[\text{2.300}]$

23

24

7–104910–3

60.83

$[\text{2.395}]$

58.93

$[\text{2.320}]$

55.88

$[\text{2.200}]$

22

23

7–104910–2

58.29

$[\text{2.295}]$

56.39

$[\text{2.220}]$

53.34

$[\text{2.100}]$

21

22

7–104910–1

55.75

$[\text{2.195}]$

53.85

$[\text{2.120}]$

50.80

$[\text{2.000}]$

20

21

7–104910–0

53.21

$[\text{2.095}]$

51.31

$[\text{2.020}]$

48.26

$[\text{1.900}]$

19

20

6–104910–9

50.67

$[\text{1.995}]$

48.77

$[\text{1.920}]$

45.72

$[\text{1.800}]$

18

19

6–104910–8

48.13

$[\text{1.895}]$

46.23

$[\text{1.820}]$

43.18

$[\text{1.700}]$

17

18

6–104910–7

45.59

$[\text{1.795}]$

43.69

$[\text{1.720}]$

40.64

$[\text{1.600}]$

16

17

6–104910–6

43.05

$[\text{1.695}]$

41.15

$[\text{1.620}]$

38.1

$[\text{1.500}]$

15

16

6–104910–5

40.51

$[\text{1.595}]$

38.61

$[\text{1.520}]$

35.56

$[\text{1.400}]$

14

15

6–104910–4

37.97

$[\text{1.495}]$

36.07

$[\text{1.420}]$

33.02

$[\text{1.300}]$

13

14

6–104910–3

35.43

$[\text{1.395}]$

33.53

$[\text{1.320}]$

30.48

$[\text{1.200}]$

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64.01

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1–104910–3

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$[\text{1.395}]$

33.53

$[\text{1.320}]$

30.48

$[\text{1.200}]$

12

13

1–104910–2

PLATING

D

C

B

A

NO OF POSN

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± –

1 PLC ± –

2 PLC ± 0.13 $[\text{.005}]$

3 PLC ± –

4 PLC ± –

ANGLES ± –

MATERIAL HOUSING:
HIGH TEMPERATURE
LCP
COLOR–BLACK
POSTS: BRASS

FINISH
SEE TABLE

DWN
E. BRANDBERG
10–13–94

CHK
J. GESFORD
10–13–94

APVD
D. DUPLER
10–13–94

PRODUCT SPEC
–

APPLICATION SPEC
–

WEIGHT
–

CUSTOMER DRAWING

SCALE
4:1

SHEET
1 OF 1

REV
K1

TE

TE Connectivity

NAME
HEADER ASSY, AMPMODU MTE, VERTICAL
SINGLE ROW, 2.54 $[\text{.100}]$
POLARIZED WITH LATCHING, HIGH TEMP

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=104910

RESTRICTED TO
–

RECOMMENDED PC BOARD MOUNTING DIMENSIONS
RECOMMENDED STENCIL THICKNESS = 0.25 $[\text{.010}]$

1471–9 (1/15)