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LOC

DIST

AD

00

REVISED PER ECO-14-000255

15JUL2014

NK

MM

ROW M

ROW N

1

2

3

C REF

4.88

[.192]

6

POST NUMBER REF.

(SEE TABLE)

1.17±0.08

[.046±.003]

2.54

[.100]

4.70

[.185]

(CONTACT AREA)

0.64±0.03

[.025±.001]

TYP

⌀ 0.38[.015]M

TYP AT POST TIPS

5.84

[.230]

2.29±0.38

[.090±.015]

2.29±0.08

[.090±.003]

0.64±0.05

[.025±.002]

1.07±0.20

[.042±.008]

2-PLACES

2

3

⌀ 0.38[.015]M

TYP AT POST TIPS

A SPACES @

2.54

[.100]

= B

0.64±0.05

[.025±.002]

1.07±0.20

[.042±.008]

2-PLACES

2

3

1.14±0.02 DIA TYP

[.045±.001]

RECOMMENDED HOLE SIZE

BEFORE PLATING

1.02±0.08 DIA TYP

[.040±.003]

(PLATED)

4.32

[.170]

(Ø OF STENCIL PATTERN)

2.54

[.100]

1.03

[.040]

3.81±0.05

[.150±.002]

0.76±0.05

[.030±.002]

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

FOR .063[1.60] THICK PC BOARD AND

.012[.305] STENCIL THICK

1. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

2. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

3. RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.

4. HOUSING: LCP, COLOR-BLACK. POST: COPPER ALLOY.

5. 0.000381 [0.000015] GOLD IN CONTACT AREA, 0.00254-0.00508 [0.0000100-.0000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [0.000050] NICKEL.

6. THIS DIMENSION WILL BE 4.67[.184] FOR THE 2 POSITION CONFIGURATION

7. 0.000381 [0.000015] GOLD IN CONTACT AREA, 0.00254-0.00508 [0.0000100-.0000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [0.000050] NICKEL.

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

8

OBSOLETE

8

OBSOLETE

PLATING

C

B

A

NO. OF POSITIONS

PART NUMBER

8

OBSOLETE

8

OBSOLETE

PLATING

C

B

A

NO. OF POSITIONS

PART NUMBER

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OBSOLETE

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PLATING

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NO. OF POSITIONS

PART NUMBER

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NO. OF POSITIONS

PART NUMBER

8

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8

OBSOLETE

PLATING

C

B

A

NO. OF POSITIONS

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN T. HOFFMAN

OBMA95

CHK G. DUBNICZKI

04MAR96

APVD G. DUBNICZKI

04MAR96

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± -

1. PLC ± 0.51[.02]

2. PLC ± 0.127[.005]

3. PLC ± 0.0127[.0005]

4. PLC ± -

ANGLES ± -

FINISH SEE TABLE

MATERIAL 4

WEIGHT -

CUSTOMER DRAWING

NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY,DOUBLE ROW, .100 X.100 CL , VERTICAL, WITH RETENTION FEATURE, .025 SQ.POSTS, HIGH TEMPERATURE

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 146272

RESTRICTED TO: -

SCALE: 4:1

SHEET: 1

OF: 1

REV: K

TE Connectivity

101.19

[3.984]

99.06

[3.900]

39

80

9-146272-0

101.19

[3.984]

99.06

[3.900]

39

80

4-146272-0

98.65

[3.884]

96.52

[3.800]

38

78

8-146272-9

98.65

[3.884]

96.52

[3.800]

38

78

3-146272-9

96.11

[3.784]

93.98

[3.700]

37

76

8-146272-8

96.11

[3.784]

93.98

[3.700]

37

76

3-146272-8

93.57

[3.684]

91.44

[3.600]

36

74

8-146272-7

93.57

[3.684]

91.44

[3.600]

36

74

3-146272-7

91.03

[3.584]

88.90

[3.500]

35

72

8-146272-6

91.03

[3.584]

88.90

[3.500]

35

72

3-146272-6

88.49

[3.484]

86.36

[3.400]

34

70

8-146272-5

88.49

[3.484]

86.36

[3.400]

34

70

3-146272-5

85.95

[3.384]

83.82

[3.300]

33

68

8-146272-4

85.95

[3.384]

83.82

[3.300]

33

68

3-146272-4

83.41

[3.284]

81.28

[3.200]

32

66

8-146272-3

83.41

[3.284]

81.28

[3.200]

32

66

3-146272-3

80.87

[3.184]

78.74

[3.100]

31

64

8-146272-2

80.87

[3.184]

78.74

[3.100]

31

64

3-146272-2

78.33

[3.084]

76.20

[3.000]

30

62

8-146272-1

78.33

[3.084]

76.20

[3.000]

30

62

3-146272-1

75.79

[2.984]

73.66

[2.900]

29

60

8-146272-0

75.79

[2.984]

73.66

[2.900]

29

60

3-146272-0

73.25

[2.884]

71.12

[2.800]

28

58

7-146272-9

73.25

[2.884]

71.12

[2.800]

28

58

2-146272-9

70.71

[2.784]

68.58

[2.700]

27

56

7-146272-8

70.71

[2.784]

68.58

[2.700]

27

56

2-146272-8

68.17

[2.684]

66.04

[2.600]

26

54

7-146272-7

68.17

[2.684]

66.04

[2.600]

26

54

2-146272-7

65.63

[2.584]

63.5

[2.500]

25

52

7-146272-6

65.63

[2.584]

63.5

[2.500]

25

52

2-146272-6

63.09

[2.484]

60.96

[2.400]

24

50

7-146272-5

63.09

[2.484]

60.96

[2.400]

24

50

2-146272-5

60.55

[2.384]

58.42

[2.300]

23

48

7-146272-4

60.55

[2.384]

58.42

[2.300]

23

48

2-146272-4

58.01

[2.284]

55.88

[2.200]

22

46

7-146272-3

58.01

[2.284]

55.88

[2.200]

22

46

2-146272-3

55.47

[2.184]

53.34

[2.100]

21

44

7-146272-2

55.47

[2.184]

53.34

[2.100]

21

44

2-146272-2

52.93

[2.084]

50.80

[2.000]

20

42

7-146272-1

52.93

[2.084]

50.80

[2.000]

20

42

2-146272-1

50.39

[1.984]

48.26

[1.900]

19

40

7-146272-0

50.39

[1.984]

48.26

[1.900]

19

40

2-146272-0

47.85

[1.884]

45.72

[1.800]

18

38

6-146272-9

47.85

[1.884]

45.72

[1.800]

18

38

1-146272-9

45.31

[1.784]

43.18

[1.700]

17

36

6-146272-8

45.31

[1.784]

43.18

[1.700]

17

36

1-146272-8

42.77

[1.684]

40.64

[1.600]

16

34

6-146272-7

42.77

[1.684]

40.64

[1.600]

16

34

1-146272-7

40.23

[1.584]

38.10

[1.500]

15

32

6-146272-6

40.23

[1.584]

38.10

[1.500]

15

32

1-146272-6

37.69

[1.484]

35.56

[1.400]

14

30

6-146272-5

37.69

[1.484]

35.56

[1.400]

14

30

1-146272-5

35.15

[1.384]

33.02

[1.300]

13

28

6-146272-4

35.15

[1.384]

33.02

[1.300]

13

28

1-146272-4

32.61

[1.284]

30.48

[1.200]

12

26

6-146272-3

32.61

[1.284]

30.48

[1.200]

12

26

1-146272-3

30.07

[1.184]

27.94

[1.100]

11

24

6-146272-2

30.07

[1.184]

27.94

[1.100]

11

24

1-146272-2

27.53

[1.084]

25.40

[1.000]

10

22

6-146272-1

27.53

[1.084]

25.40

[1.000]

10

22

1-146272-1

24.99

[.984]

22.86

[.900]

9

20

6-146272-0

24.99

[.984]

22.86

[.900]

9

20

1-146272-0

22.45

[.884]

20.32

[.800]

8

18

5-146272-9

22.45

[.884]

20.32

[.800]

8

18

146272-9

19.91

[.784]

17.78

[.700]

7

16

5-146272-8

19.91

[.784]

17.78

[.700]

7

16

146272-8

17.37

[.684]

15.24

[.600]

6

14

5-146272-7

17.37

[.684]

15.24

[.600]

6

14

146272-7

14.83

[.584]

12.70

[.500]

5

12

5-146272-6

14.83

[.584]

12.70

[.500]

5

12

146272-6

12.29

[.484]

10.16

[.400]

4

10

5-146272-5

12.29

[.484]

10.16

[.400]

4

10

146272-5

9.75

[.384]

7.62

[.300]

3

8

5-146272-4

9.75

[.384]

7.62

[.300]

3

8

146272-4

7.21

[.284]

5.08

[.200]

2

6

5-146272-3

7.21

[.284]

5.08

[.200]

2

6

146272-3

4.67

[.184]

2.54

[.100]

1

4

5-146272-2

4.67

[.184]

2.54

[.100]

1

4

146272-2

2.13

[.084]

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2

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2.13

[.084]

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4

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4

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