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LOCAD

DIST00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

ECO-14-000255

16JUL2014

NK

MM

ROW M

ROW N

1

2

3

C REF

4.88

[.192]

POST NUMBER REF.

(SEE TABLE)

A SPACES @ 2.54

[.100]

B

0.64±0.03

[.025±.001]

TYP

1.17±0.08

[.046±.003]

2.54

[.100]

4

0.38

[.015]

M

TYP AT POST TIPS

5.84

[.230]

4.70

[.185]

(CONTACT AREA)

2.29±0.08

[.090±.003]

3.05±0.38

[.120±.015]

4

0.38

[.015]

M

TYP AT POST TIPS

1.07±0.20

[.042±.008]

2 PLACES

0.64±0.05

[.025±.002]

2

3

A SPACES @ 2.54

[.100]

B

2.54

[.100]

4.32

[.170]

(CL OF STENCIL PATTERN)

0.76±0.05

[.030±.002]

3.81±0.05

[.150±.002]

1.02

[.040]

CL OF HOLE PATTERN

2.54

[.100]

Ø1.14±0.02

[Ø.045±.001]

RECOMMENDED HOLE SIZE BEFORE PLATING

Ø1.02±0.08

[Ø.045±.003] TYP (PLATED)

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

FOR .063[1.60] THICK PC BOARD AND

.012[.305] STENCIL THICK

8

OBSOLETE

6

101.19

[3.984]

99.06

[3.900]

39

80

4-146269-0

8

OBSOLETE

6

98.65

[3.884]

96.52

[3.800]

38

78

3-146269-9

8

OBSOLETE

6

96.11

[3.784]

93.98

[3.700]

37

76

3-146269-8

8

OBSOLETE

6

93.57

[3.684]

91.44

[3.600]

36

74

3-146269-7

8

OBSOLETE

6

91.03

[3.584]

88.90

[3.500]

35

72

3-146269-6

8

OBSOLETE

6

88.49

[3.484]

86.36

[3.400]

34

70

3-146269-5

8

OBSOLETE

6

85.95

[3.384]

83.82

[3.300]

33

68

3-146269-4

8

OBSOLETE

6

83.41

[3.284]

81.28

[3.200]

32

66

3-146269-3

8

OBSOLETE

6

80.87

[3.184]

78.74

[3.100]

31

64

3-146269-2

8

OBSOLETE

6

78.33

[3.084]

76.20

[3.000]

30

62

3-146269-1

8

OBSOLETE

6

75.79

[2.984]

73.66

[2.900]

29

60

3-146269-0

8

OBSOLETE

6

73.25

[2.884]

71.12

[2.800]

28

58

2-146269-9

8

OBSOLETE

6

70.71

[2.784]

68.58

[2.700]

27

56

2-146269-8

8

OBSOLETE

6

68.17

[2.684]

66.04

[2.600]

26

54

2-146269-7

8

OBSOLETE

6

65.63

[2.584]

63.5

[2.500]

25

52

2-146269-6

8

OBSOLETE

6

63.09

[2.484]

60.96

[2.400]

24

50

2-146269-5

8

OBSOLETE

6

60.55

[2.384]

58.42

[2.300]

23

48

2-146269-4

8

OBSOLETE

6

58.01

[2.284]

55.88

[2.200]

22

46

2-146269-3

8

OBSOLETE

6

55.47

[2.184]

53.34

[2.100]

21

44

2-146269-2

8

OBSOLETE

6

52.93

[2.084]

50.80

[2.000]

20

42

2-146269-1

8

OBSOLETE

6

50.39

[1.984]

48.26

[1.900]

19

40

2-146269-0

8

OBSOLETE

6

47.85

[1.884]

45.72

[1.800]

18

38

1-146269-9

8

OBSOLETE

6

45.31

[1.784]

43.18

[1.700]

17

36

1-146269-8

8

OBSOLETE

6

42.77

[1.684]

40.64

[1.600]

16

34

1-146269-7

8

OBSOLETE

6

40.23

[1.584]

38.10

[1.500]

15

32

1-146269-6

8

OBSOLETE

6

37.69

[1.484]

35.56

[1.400]

14

30

1-146269-5

8

OBSOLETE

6

35.15

[1.384]

33.02

[1.300]

13

28

1-146269-4

8

OBSOLETE

6

32.61

[1.284]

30.48

[1.200]

12

26

1-146269-3

8

OBSOLETE

6

30.07

[1.184]

27.94

[1.100]

11

24

1-146269-2

8

OBSOLETE

6

27.53

[1.084]

25.40

[1.000]

10

22

1-146269-1

8

OBSOLETE

6

24.99

[.984]

22.86

[.900]

9

20

1-146269-0

8

OBSOLETE

6

22.45

[.884]

20.32

[.800]

8

18

146269-9

8

OBSOLETE

6

19.91

[.784]

17.78

[.700]

7

16

146269-8

8

OBSOLETE

6

17.37

[.684]

15.24

[.600]

6

14

146269-7

8

OBSOLETE

6

14.83

[.584]

12.70

[.500]

5

12

146269-6

8

OBSOLETE

6

12.29

[.484]

10.16

[.400]

4

10

146269-5

8

OBSOLETE

6

9.75

[.384]

7.62

[.300]

3

8

146269-4

8

OBSOLETE

6

7.21

[.284]

5.08

[.200]

2

6

146269-3

8

OBSOLETE

6

4.67

[.184]

2.54

[.100]

1

4

146269-2

8

SUPSD BY

5-146269-1

6

2.13

[.084]

-

-

2

146269-1

FINISH

C

B

A

NO. OF POSITIONS

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.51[.02]

3 PLC ± 0.127[.005]

4 PLC ± 0.0127[.0005]

ANGLES ±

MATERIAL

5

SEE TABLE

DWN T. HOFFMAN

OBMA95

CHK G. DUBNICZKI

04MAR96

APVD G. DUBNICZKI

04MAR96

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT

A1

00779

146269

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

REV H

TE Connectivity

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

4805 (3/11)

8

7

6

5

4

3

2

1

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LOCADIST

AD00

REVISONS

F	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

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

0.51

[.020]

FOR KINKED TAILS.

5

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

6

0.000762[.000030] GOLD IN CONTACT AREA.
0.00254-0.00508 [.0000100-.0000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

7

0.000762[.000030] GOLD IN CONTACT AREA.
0.00254-0.00508 [.0000100-.0000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

8

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

			101.19 [3.984]	99.06 [3.900]	39	80	9-146269-0
8	OBSOLETE		98.65 [3.884]	96.52 [3.800]	38	78	8-146269-9
8	OBSOLETE		96.11 [3.784]	93.98 [3.700]	37	76	8-146269-8
8	OBSOLETE		93.57 [3.684]	91.44 [3.600]	36	74	8-146269-7
8	OBSOLETE		91.03 [3.584]	88.90 [3.500]	35	72	8-146269-6
8	OBSOLETE		88.49 [3.484]	86.36 [3.400]	34	70	8-146269-5
8	OBSOLETE		85.95 [3.384]	83.82 [3.300]	33	68	8-146269-4
8	OBSOLETE		83.41 [3.284]	81.28 [3.200]	32	66	8-146269-3
8	OBSOLETE		80.87 [3.184]	78.74 [3.100]	31	64	8-146269-2
8	OBSOLETE		78.33 [3.084]	76.20 [3.000]	30	62	8-146269-1
8	OBSOLETE		75.79 [2.984]	73.66 [2.900]	29	60	8-146269-0
8	OBSOLETE		73.25 [2.884]	71.12 [2.800]	28	58	7-146269-9
8	OBSOLETE		70.71 [2.784]	68.58 [2.700]	27	56	7-146269-8
8	OBSOLETE		68.17 [2.684]	66.04 [2.600]	26	54	7-146269-7
8	OBSOLETE		65.63 [2.584]	63.5 [2.500]	25	52	7-146269-6
8	OBSOLETE		63.09 [2.484]	60.96 [2.400]	24	50	7-146269-5
8	OBSOLETE		60.55 [2.384]	58.42 [2.300]	23	48	7-146269-4
8	OBSOLETE		58.01 [2.284]	55.88 [2.200]	22	46	7-146269-3
8	OBSOLETE		55.47 [2.184]	53.34 [2.100]	21	44	7-146269-2
8	OBSOLETE		52.93 [2.084]	50.80 [2.000]	20	42	7-146269-1
			50.39 [1.984]	48.26 [1.900]	19	40	7-146269-0
8	OBSOLETE		47.85 [1.884]	45.72 [1.800]	18	38	6-146269-9
8	OBSOLETE		45.31 [1.784]	43.18 [1.700]	17	36	6-146269-8
8	OBSOLETE		42.77 [1.684]	40.64 [1.600]	16	34	6-146269-7
8	OBSOLETE		40.23 [1.584]	38.10 [1.500]	15	32	6-146269-6
			37.69 [1.484]	35.56 [1.400]	14	30	6-146269-5
8	OBSOLETE		35.15 [1.384]	33.02 [1.300]	13	28	6-146269-4
8	OBSOLETE		32.61 [1.284]	30.48 [1.200]	12	26	6-146269-3
8	OBSOLETE		30.07 [1.184]	27.94 [1.100]	11	24	6-146269-2
8	OBSOLETE		27.53 [1.084]	25.40 [1.000]	10	22	6-146269-1
			24.99 [.984]	22.86 [.900]	9	20	6-146269-0
8	OBSOLETE		22.45 [.884]	20.32 [.800]	8	18	5-146269-9
			19.91 [.784]	17.78 [.700]	7	16	5-146269-8
			17.37 [.684]	15.24 [.600]	6	14	5-146269-7
			14.83 [.584]	12.70 [.500]	5	12	5-146269-6
			12.29 [.484]	10.16 [.400]	4	10	5-146269-5
			9.75 [.384]	7.62 [.300]	3	8	5-146269-4
			7.21 [.284]	5.08 [.200]	2	6	5-146269-3
8	OBSOLETE		4.67 [.184]	2.54 [.100]	1	4	5-146269-2
			2.13 [.084]	-	-	2	5-146269-1
	FINISH		C	B	A	NO. OF POSITIONS	LEAD FREE PART NO.S

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

PLC

±

-

1

PLC

±

-

2

PLC

±

0.51[.02]

3

PLC

±

0.127[.005]

4

PLC

±

0.0127[.0005]

ANGLES

±

-

SEE TABLE

DWN
T. HOFFMAN
08MAY95

CHK
G. DUBNICZKI
04MAR96

APVD
G. DUBNICZKI
04MAR96

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
146269

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
1:1

SHEET
2

OF
2

REV
H

TE Connectivity

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

4805 (3/11)