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LOCAD

DIST00

REVISED PER ECO-14-000255

DATE16JUL2014

DWNNK

APVDM

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

2.54
[.100]

4.70
[.185]

(CONTACT AREA)

5.84
[.230]

2.29±0.08
[.090±.003]

3.05±0.38
[.120±.015]

4

0.38
[.015]

M

TYP AT POST TIPS

0.64±0.05
[.025±.002]

1.07±0.20
[.042±.008]

2 PLACES

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 ±

SEE TABLE

MATERIAL

5

DWN
T. HOFFMAN
04MAR96

CHK
G. DUBNICZKI
04MAR96

APVD
G. DUBNICZKI
04MAR96

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

SIZE
A1

CAGE CODE
00779

DRAWING NO.
146269

RESTRICTED TO

TE Connectivity

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

SCALE
4:1

SHEET
1

OF
2

REV
H

4805 (3/11)

8

7

6

5

4

3

2

1

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LOCAD

DIST00

REVISIONS

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

		7	101.19 [3.984]	99.06 [3.900]	39	80	9-146269-0
8	OBSOLETE	7	98.65 [3.884]	96.52 [3.800]	38	78	8-146269-9
8	OBSOLETE	7	96.11 [3.784]	93.98 [3.700]	37	76	8-146269-8
8	OBSOLETE	7	93.57 [3.684]	91.44 [3.600]	36	74	8-146269-7
8	OBSOLETE	7	91.03 [3.584]	88.90 [3.500]	35	72	8-146269-6
8	OBSOLETE	7	88.49 [3.484]	86.36 [3.400]	34	70	8-146269-5
8	OBSOLETE	7	85.95 [3.384]	83.82 [3.300]	33	68	8-146269-4
8	OBSOLETE	7	83.41 [3.284]	81.28 [3.200]	32	66	8-146269-3
8	OBSOLETE	7	80.87 [3.184]	78.74 [3.100]	31	64	8-146269-2
8	OBSOLETE	7	78.33 [3.084]	76.20 [3.000]	30	62	8-146269-1
8	OBSOLETE	7	75.79 [2.984]	73.66 [2.900]	29	60	8-146269-0
8	OBSOLETE	7	73.25 [2.884]	71.12 [2.800]	28	58	7-146269-9
8	OBSOLETE	7	70.71 [2.784]	68.58 [2.700]	27	56	7-146269-8
8	OBSOLETE	7	68.17 [2.684]	66.04 [2.600]	26	54	7-146269-7
8	OBSOLETE	7	65.63 [2.584]	63.5 [2.500]	25	52	7-146269-6
8	OBSOLETE	7	63.09 [2.484]	60.96 [2.400]	24	50	7-146269-5
8	OBSOLETE	7	60.55 [2.384]	58.42 [2.300]	23	48	7-146269-4
8	OBSOLETE	7	58.01 [2.284]	55.88 [2.200]	22	46	7-146269-3
8	OBSOLETE	7	55.47 [2.184]	53.34 [2.100]	21	44	7-146269-2
8	OBSOLETE	7	52.93 [2.084]	50.80 [2.000]	20	42	7-146269-1
		7	50.39 [1.984]	48.26 [1.900]	19	40	7-146269-0
8	OBSOLETE	7	47.85 [1.884]	45.72 [1.800]	18	38	6-146269-9
8	OBSOLETE	7	45.31 [1.784]	43.18 [1.700]	17	36	6-146269-8
8	OBSOLETE	7	42.77 [1.684]	40.64 [1.600]	16	34	6-146269-7
8	OBSOLETE	7	40.23 [1.584]	38.10 [1.500]	15	32	6-146269-6
		7	37.69 [1.484]	35.56 [1.400]	14	30	6-146269-5
8	OBSOLETE	7	35.15 [1.384]	33.02 [1.300]	13	28	6-146269-4
8	OBSOLETE	7	32.61 [1.284]	30.48 [1.200]	12	26	6-146269-3
8	OBSOLETE	7	30.07 [1.184]	27.94 [1.100]	11	24	6-146269-2
8	OBSOLETE	7	27.53 [1.084]	25.40 [1.000]	10	22	6-146269-1
		7	24.99 [.984]	22.86 [.900]	9	20	6-146269-0
8	OBSOLETE	7	22.45 [.884]	20.32 [.800]	8	18	5-146269-9
		7	19.91 [.784]	17.78 [.700]	7	16	5-146269-8
		7	17.37 [.684]	15.24 [.600]	6	14	5-146269-7
		7	14.83 [.584]	12.70 [.500]	5	12	5-146269-6
		7	12.29 [.484]	10.16 [.400]	4	10	5-146269-5
		7	9.75 [.384]	7.62 [.300]	3	8	5-146269-4
		7	7.21 [.284]	5.08 [.200]	2	6	5-146269-3
8	OBSOLETE	7	4.67 [.184]	2.54 [.100]	1	4	5-146269-2
		7	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

SIZE

CAGE CODE

DRAWING NO

WEIGHT

—

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 2

REV H

TE Connectivity

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

RESTRICTED TO

—

4805 (3/11)