

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

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)

1.17±0.08
[.046±.003]

2

2.54
[.100]

4.70
[.185]
(CONTACT AREA)

5.84
[.230]

2.29±0.08
[.090±.003]

0.64±0.03
[.025±.001]
TYP

4

Φ 0.38 [.015] M

TYP AT POST TIPS

0.64±0.05
[.025±.002]

1.07±0.20
[.042±.008]
2 PLACES

3

2

3.05±0.38
[.120±.015]

4

Φ 0.38 [.015] M

TYP AT POST TIPS

2.54
[.100]

A SPACES @ 2.54
[.100] = B

0.64±0.05
[.025±.002]

1.07±0.20
[.042±.008]
2 PLACES

2.54
[.100]

4.32
[.170]
(CL OF STENCIL
PATTERN)

1.02
[.040]

3.81±0.05
[.150±.002]

0.76±0.05
[.030±.002]

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

1-146269-9

8

OBSOLETE

6

19.91
[.784]

17.78
[.700]

7

16

1-146269-8

8

OBSOLETE

6

17.37
[.684]

15.24
[.600]

6

14

1-146269-7

8

OBSOLETE

6

14.83
[.584]

12.70
[.500]

5

12

1-146269-6

8

OBSOLETE

6

12.29
[.484]

10.16
[.400]

4

10

1-146269-5

8

OBSOLETE

6

9.75
[.384]

7.62
[.300]

3

8

1-146269-4

8

OBSOLETE

6

7.21
[.284]

5.08
[.200]

2

6

1-146269-3

8

OBSOLETE

6

4.67
[.184]

2.54
[.100]

1

4

1-146269-2

8

SUPSD BY

5-146269-1

6

2.13
[.084]

[-]

-

2

1-146269-1

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

DWNT. HOFFMAN

OBMA95

CHKG. DUBNICZKI

04MAR96

APVDD. DUBNICZKI

04MAR96

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT

A100779

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

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

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

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)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-146269-7](#)