

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOCAD

DIST00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

H

REVISED

PER

ECO-14-000255

16JUL2014

NK

MM

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

2

3

3.05±0.38
[.120±.015]

4

Φ 0.38 [.015] M

TYP AT POST TIPS

A SPACES @ 2.54
[.100] = B

0.64±0.03
[.025±.001]
TYP

2.54
[.100]

CL OF HOLE PATTERN

1.02
[.040]

3.81±0.05
[.150±.002]

4.32
[.170]
(CL OF STENCIL PATTERN)

0.76±0.05
[.030±.002]

A SPACES @ 2.54
[.100] = B

2.54
[.100]

RECOMMENDED HOLE SIZE
BEFORE PLATING
Ø1.02±0.08
[Ø.045±.003] TYP
(PLATED)

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

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 ±

5

SEE TABLE

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

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOCADIST

AD00

REVISONS

REV

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.

DWN
T. HOFFMAN

OBMA95

CHK
G. DUBNICZKI

04MAR96

APVD
G. DUBNICZKI

04MAR96

NAME

TE Connectivity

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 ±

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

WEIGHT

-

RESTRICTED TO

-

MATERIAL

5

SEE TABLE

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 2

REV H

4805 (3/11)

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6-146269-0](#)