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DWN
E. BRANDBERG
CHK
G. DUBNICZKI
APVD
G. DUBNICZKI

13MAR97
13MAR97
13MAR97

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

FINISH

SEE TABLE

WEIGHT

CUSTOMER DRAWING

SCALE 4:1

DWN
E. BRANDBERG
CHK
G. DUBNICZKI
APVD
G. DUBNICZKI

13MAR97
13MAR97
13MAR97

NAME

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

HEADER ASSEMBLY, MOD II,
STACKING, SINGLE ROW,
.025 SQ.POST, UNSHROUDED

100779

146472

1

2

REV

LOC
AD

DIST
00

REVISED PER ECO-11-004820

DATE
11MAR11

DWN
RK

APVD
HMR

101.19
[3.984]

99.06
[3.900]

39

40

4-146472-0

98.65
[3.884]

96.52
[3.800]

38

39

3-146472-9

96.11
[3.784]

93.98
[3.700]

37

38

3-146472-8

93.57
[3.684]

91.44
[3.600]

36

37

3-146472-7

91.03
[3.584]

88.90
[3.500]

35

36

3-146472-6

88.49
[3.484]

86.36
[3.400]

34

35

3-146472-5

85.95
[3.384]

83.82
[3.300]

33

34

3-146472-4

83.41
[3.284]

81.28
[3.200]

32

33

3-146472-3

80.87
[3.184]

78.74
[3.100]

31

32

3-146472-2

78.33
[3.084]

76.20
[3.000]

30

31

3-146472-1

75.79
[2.984]

73.66
[2.900]

29

30

3-146472-0

73.25
[2.884]

71.12
[2.800]

28

29

2-146472-9

70.71
[2.784]

68.58
[2.700]

27

28

2-146472-8

68.17
[2.684]

66.04
[2.600]

26

27

2-146472-7

65.63
[2.584]

63.50
[2.500]

25

26

2-146472-6

63.09
[2.484]

60.96
[2.400]

24

25

2-146472-5

60.55
[2.384]

58.42
[2.300]

23

24

2-146472-4

58.01
[2.284]

55.88
[2.200]

22

23

2-146472-3

55.47
[2.184]

53.34
[2.100]

21

22

2-146472-2

52.93
[2.084]

50.80
[2.000]

20

21

2-146472-1

50.39
[1.984]

48.26
[1.900]

19

20

2-146472-0

47.85
[1.884]

45.72
[1.800]

18

19

1-146472-9

45.31
[1.784]

43.18
[1.700]

17

18

1-146472-8

42.77
[1.684]

40.64
[1.600]

16

17

1-146472-7

40.23
[1.584]

38.10
[1.500]

15

16

1-146472-6

37.69
[1.484]

35.56
[1.400]

14

15

1-146472-5

35.15
[1.384]

33.02
[1.300]

13

14

1-146472-4

32.61
[1.284]

30.48
[1.200]

12

13

1-146472-3

30.07
[1.184]

27.94
[1.100]

11

12

1-146472-2

27.53
[1.084]

25.40
[1.000]

10

11

1-146472-1

24.99
[.984]

22.86
[.900]

9

10

1-146472-0

22.45
[.884]

20.32
[.800]

8

9

146472-9

19.91
[.784]

17.78
[.700]

7

8

146472-8

17.37
[.684]

15.24
[.600]

6

7

146472-7

14.83
[.584]

12.70
[.500]

5

6

146472-6

12.29
[.484]

10.16
[.400]

4

5

146472-5

9.75
[.384]

7.62
[.300]

3

4

146472-4

7.21
[.284]

5.08
[.200]

2

3

146472-3

4.67
[.184]

2.54
[.100]

1

2

146472-2

2.13
[.084]

-

-

1

146472-1

1.17±0.08
[.046±.003]

0.64±0.03
[.025±.001]
TYP.

0.38[.015]M
TYP AT POST TIPS

2.54±0.38
[.100±.015]

2.29±0.08
[.090±.003]

8.38±0.25
[.330±.010]

1.07±0.20
[.042±.008]
4 PLC

2.54±0.08
[.100±.003] TYP
TOLERANCE NON-CUMULATIVE

0.89±0.08
[0.035±.003]
TYP

5.08
[.200]
CONTACT AREA

17.78±0.25
[.700±.010]

28.70
[1.130]
REF

2.34
[.092]

G REF

E SPACES @ 2.54 = F
[.100]

1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS

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

3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING

4 HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.

5 FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

6 FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

RECOMMENDED HOLE LAYOUT

4805 (3/11)

4

Mouser Electronics

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[7-146472-7](#)