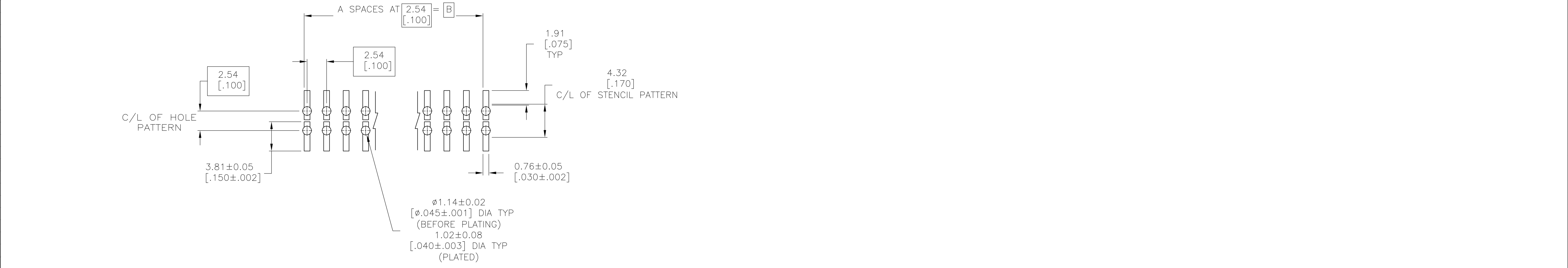


- 1 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.
- 2 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT
- 3 FOR ACTIVE POSITION SIZES 4 AND ABOVE, POSTS WILL BE SELECTIVELY SWAGED TO PROVIDE CONNECTOR RETENTION TO THE PC BOARD UNTIL SOLDERED. FOR POSITION SIZE 2, POSTS WILL BE KINKED.(SEE TABLE FOR RETENTION FEATURE LOCATION)
- 4 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.
- 5 HOUSING: GLASS FILLED THERMOPLASTIC, COLOR, BLACK. (WILL WITHSTAND VAPOR PHASE REFLOW.) POST: COPPER ALLOY
- 6 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



RECOMMENDED PC BOARD MOUNTING DIMENSIONS FOR .063 [.160] THICK PC BOARD AND .012 [.305] STENCIL THICK.

8

7

6

5

4

3

2

1

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LOC

DIST

AD

00

REVISONS

DATE

DWN

APVD

DESCRIPTION

SEE SHEET 1

7

OBSOLETE

6

1,2,39,40

1,2,39,40

101.19
[3.984]

99.06
[3.900]

39

80

9-146427-0

6

1,2,38,39

1,2,38,39

98.65
[3.884]

96.52
[3.800]

38

78

8-146427-9

6

1,2,37,38

1,2,37,38

96.11
[3.784]

93.98
[3.700]

37

76

8-146427-8

6

1,2,36,37

1,2,36,37

93.57
[3.684]

91.44
[3.600]

36

74

8-146427-7

6

1,2,35,36

1,2,35,36

91.03
[3.584]

88.90
[3.500]

35

72

8-146427-6

6

1,2,34,35

1,2,34,35

88.49
[3.484]

86.36
[3.400]

34

70

8-146427-5

6

1,2,33,34

1,2,33,34

85.95
[3.384]

83.82
[3.300]

33

68

8-146427-4

6

1,2,32,33

1,2,32,33

83.41
[3.284]

81.28
[3.200]

32

66

8-146427-3

6

1,2,31,32

1,2,31,32

80.87
[3.184]

78.74
[3.100]

31

64

8-146427-2

6

1,2,30,31

1,2,30,31

78.33
[3.084]

76.20
[3.000]

30

62

8-146427-1

6

1,2,29,30

1,2,29,30

75.79
[2.984]

73.66
[2.900]

29

60

8-146427-0

6

1,2,28,29

1,2,28,29

73.25
[2.884]

71.12
[2.800]

28

58

7-146427-9

6

1,2,27,28

1,2,27,28

70.71
[2.784]

68.58
[2.700]

27

56

7-146427-8

6

1,2,26,27

1,2,26,27

68.17
[2.684]

66.04
[2.600]

26

54

7-146427-7

6

1,2,25,26

1,2,25,26

65.63
[2.584]

63.5
[2.500]

25

52

7-146427-6

6

1,2,24,25

1,2,24,25

63.09
[2.484]

60.96
[2.400]

24

50

7-146427-5

6

1,2,23,24

1,2,23,24

60.55
[2.384]

58.42
[2.300]

23

48

7-146427-4

6

1,2,22,23

1,2,22,23

58.01
[2.284]

55.88
[2.200]

22

46

7-146427-3

6

1,2,21,22

1,2,21,22

55.47
[2.184]

53.34
[2.100]

21

44

7-146427-2

6

1,2,20,21

1,2,20,21

52.93
[2.084]

50.80
[2.000]

20

42

7-146427-1

6

1,2,19,20

1,2,19,20

50.39
[1.984]

48.26
[1.900]

19

40

7-146427-0

6

1,2,18,19

1,2,18,19

47.85
[1.884]

45.72
[1.800]

18

38

6-146427-9

6

1,2,17,18

1,2,17,18

45.31
[1.784]

43.18
[1.700]

17

36

6-146427-8

6

1,2,16,17

1,2,16,17

42.77
[1.684]

40.64
[1.600]

16

34

6-146427-7

6

1,2,15,16

1,2,15,16

40.23
[1.584]

38.10
[1.500]

15

32

6-146427-6

6

1,2,14,15

1,2,14,15

37.69
[1.484]

35.56
[1.400]

14

30

6-146427-5

6

1,2,13,14

1,2,13,14

35.15
[1.384]

33.02
[1.300]

13

28

6-146427-4

6

1,2,12,13

1,2,12,13

32.61
[1.284]

30.48
[1.200]

12

26

6-146427-3

6

1,2,11,12

1,2,11,12

30.07
[1.184]

27.94
[1.100]

11

24

6-146427-2

6

1,2,10,11

1,2,10,11

27.53
[1.084]

25.40
[1.000]

10

22

6-146427-1

6

1,2,9,10

1,2,9,10

24.99
[.984]

22.86
[.900]

9

20

6-146427-0

6

1,2,8,9

1,2,8,9

22.45
[.884]

20.32
[.800]

8

18

5-146427-9

6

1,2,7,8

1,2,7,8

19.91
[.784]

17.78
[.700]

7

16

5-146427-8

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1,2,6,7

1,2,6,7

17.37
[.684]

15.24
[.600]

6

14

5-146427-7

6

1,2,5,6

1,2,5,6

14.83
[.584]

12.70
[.500]

5

12

5-146427-6

6

1,2,4,5

1,2,4,5

12.29
[.484]

10.16
[.400]

4

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5-146427-5

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1,2,3,4

1,2,3,4

9.75
[.384]

7.62
[.300]

3

8

5-146427-4

6

1,2,3

1,2,3

7.21
[.284]

5.08
[.200]

2

6

5-146427-3

6

1,2

1,2

4.67
[.184]

2.54
[.100]

1

4

5-146427-2

PLATING

ROW M

ROW N

C

B

A

NO. OF POSITIONS

PART NUMBER

7

OBSOLETE

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1,2,39,40

101.19
[3.984]

99.06
[3.900]

39

80

4-146427-0

4

1,2,38,39

1,2,38,39

98.65
[3.884]

96.52
[3.800]

38

78

3-146427-9

4

1,2,37,38

1,2,37,38

96.11
[3.784]

93.98
[3.700]

37

76

3-146427-8

4

1,2,36,37

1,2,36,37

93.57
[3.684]

91.44
[3.600]

36

74

3-146427-7

4

1,2,35,36

1,2,35,36

91.03
[3.584]

88.90
[3.500]

35

72

3-146427-6

4

1,2,34,35

1,2,34,35

88.49
[3.484]

86.36
[3.400]

34

70

3-146427-5

4

1,2,33,34

1,2,33,34

85.95
[3.384]

83.82
[3.300]

33

68

3-146427-4

4

1,2,32,33

1,2,32,33

83.41
[3.284]

81.28
[3.200]

32

66

3-146427-3

4

1,2,31,32

1,2,31,32

80.87
[3.184]

78.74
[3.100]

31

64

3-146427-2

4

1,2,30,31

1,2,30,31

78.33
[3.084]

76.20
[3.000]

30

62

3-146427-1

4

1,2,29,30

1,2,29,30

75.79
[2.984]

73.66
[2.900]

29

60

3-146427-0

4

1,2,28,29

1,2,28,29

73.25
[2.884]

71.12
[2.800]

28

58

2-146427-9

4

1,2,27,28

1,2,27,28

70.71
[2.784]

68.58
[2.700]

27

56

2-146427-8

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1,2,26,27

1,2,26,27

68.17
[2.684]

66.04
[2.600]

26

54

2-146427-7

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1,2,25,26

65.63
[2.584]

63.5
[2.500]

25

52

2-146427-6

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1,2,24,25

1,2,24,25

63.09
[2.484]

60.96
[2.400]

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2-146427-5

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1,2,23,24

60.55
[2.384]

58.42
[2.300]

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48

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1,2,22,23

58.01
[2.284]

55.88
[2.200]

22

46

2-146427-3

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1,2,21,22

55.47
[2.184]

53.34
[2.100]

21

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2-146427-2

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1,2,20,21

52.93
[2.084]

50.80
[2.000]

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42

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50.39
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48.26
[1.900]

19

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2-146427-0

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1,2,18,19

47.85
[1.884]

45.72
[1.800]

18

38

1-146427-9

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1,2,17,18

45.31
[1.784]

43.18
[1.700]

17

36

1-146427-8

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1,2,16,17

42.77
[1.684]

40.64
[1.600]

16

34

1-146427-7

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1,2,15,16

40.23
[1.584]

38.10
[1.500]

15

32

1-146427-6

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1,2,14,15

37.69
[1.484]

35.56
[1.400]

14

30

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35.15
[1.384]

33.02
[1.300]

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28

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1,2,12,13

1,2,12,13

32.61
[1.284]

30.48
[1.200]

12

26

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1,2,11,12

30.07
[1.184]

27.94
[1.100]

11

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1,2,10,11

27.53
[1.084]

25.40
[1.000]

10

22

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1,2,9,10

24.99
[.984]

22.86
[.900]

9

20

1-146427-0

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1,2,8,9

1,2,8,9

22.45
[.884]

20.32
[.800]

8

18

146427-9

4

1,2,7,8

1,2,7,8

19.91
[.784]

17.78
[.700]

7

16

146427-8

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1,2,6,7

1,2,6,7

17.37
[.684]

15.24
[.600]

6

14

146427-7

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1,2,5,6

1,2,5,6

14.83
[.584]

12.70
[.500]

5

12

146427-6

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1,2,4,5

1,2,4,5

12.29
[.484]

10.16
[.400]

4

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146427-5

4

1,2,3,4

1,2,3,4

9.75
[.384]

7.62
[.300]

3

8

146427-4

4

1,2,3

1,2,3

7.21
[.284]

5.08
[.200]

2

6

146427-3

4

1,2

1,2

4.67
[.184]

2.54
[.100]

1

4

146427-2

PLATING

ROW M

ROW N

C

B

A

NO. OF POSITIONS

PART NUMBER

7

OBSOLETE

4

1

1

101.19
[3.984]

99.06
[3.900]

39

80

4-146427-0

4

1,2,38,39

1,2,38,39

98.65
[3.884]

96.52
[3.800]

38

78

3-146427-9

4

1,2,37,38

1,2,37,38

96.11
[3.784]

93.98
[3.700]

37

76

3-146427-8

4

1,2,36,37

1,2,36,37

93.57
[3.684]

91.44
[3.600]

36

74

3-146427-7

4

1,2,35,36

1,2,35,36

91.03
[3.584]

88.90
[3.500]

35

72

3-146427-6

4

1,2,34,35

1,2,34,35

88.49
[3.484]

86.36
[3.400]

34

70

3-146427-5

4

1,2,33,34

1,2,33,34

85.95
[3.384]

83.82
[3.300]

33

68

3-146427-4

4

1,2,32,33

1,2,32,33

83.41
[3.284]

81.28
[3.200]

32

66

3-146427-3

4

1,2,31,32

1,2,31,32

80.87
[3.184]

78.74
[3.100]

31

64

3-146427-2

4

1,2,30,31

1,2,30,31

78.33
[3.084]

76.20
[3.000]

30

62

3-146427-1

4

1,2,29,30

1,2,29,30

75.79
[2.984]

73.66
[2.900]

29

60

3-146427-0

4

1,2,28,29

1,2,28,29

73.25
[2.884]

71.12
[2.800]

28

58

2-146427-9

4

1,2,27,28

1,2,27,28

70.71
[2.784]

68.58
[2.700]

27

56

2-146427-8

4

1,2,26,27

1,2,26,27

68.17
[2.684]

66.04
[2.600]

26

54

2-146427-7

4

1,2,25,26

1,2,25,26

65.63
[2.584]

63.5
[2.500]

25

52

2-146427-6

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1,2,24,25

63.09
[2.484]

60.96
[2.400]

24

50

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1,2,23,24

1,2,23,24

60.55
[2.384]

58.42
[2.300]

23

48

2-146427-4

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1,2,22,23

1,2,22,23

58.01
[2.284]

55.88
[2.200]

22

46

2-146427-3

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1,2,21,22

1,2,21,22

55.47
[2.184]

53.34
[2.100]

21

44

2-146427-2

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1,2,20,21

1,2,20,21

52.93
[2.084]

50.80
[2.000]

20

42

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50.39
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48.26
[1.900]

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47.85
[1.884]

45.72
[1.800]

18

38

1-146427-9

4

1,2,17,18

1,2,17,18

45.31
[1.784]

43.18
[1.700]

17

36

1-146427-8

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1,2,16,17

1,2,16,17

42.77
[1.684]

40.64
[1.600]

16

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1,2,15,16

1,2,15,16

40.23
[1.584]

38.10
[1.500]

15

32

1-146427-6

4

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1,2,14,15

37.69
[1.484]

35.56
[1.400]

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1-146427-5

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1,2,13,14

35.15
[1.384]

33.02
[1.300]

13

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1,2,12,13

32.61
[1.284]

30.48
[1.200]

12

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1,2,11,12

1,2,11,12

30.07
[1.184]

27.94
[1.100]

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1,2,10,11

27.53
[1.084]

25.40
[1.000]

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24.99
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22.86
[.900]

9

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22.45
[.884]

20.32
[.800]

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17.78
[.700]

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[.684]

15.24
[.600]

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12.70
[.500]

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12

146427-6

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1,2,4,5

12.29
[.484]

10.16
[.400]

4

10