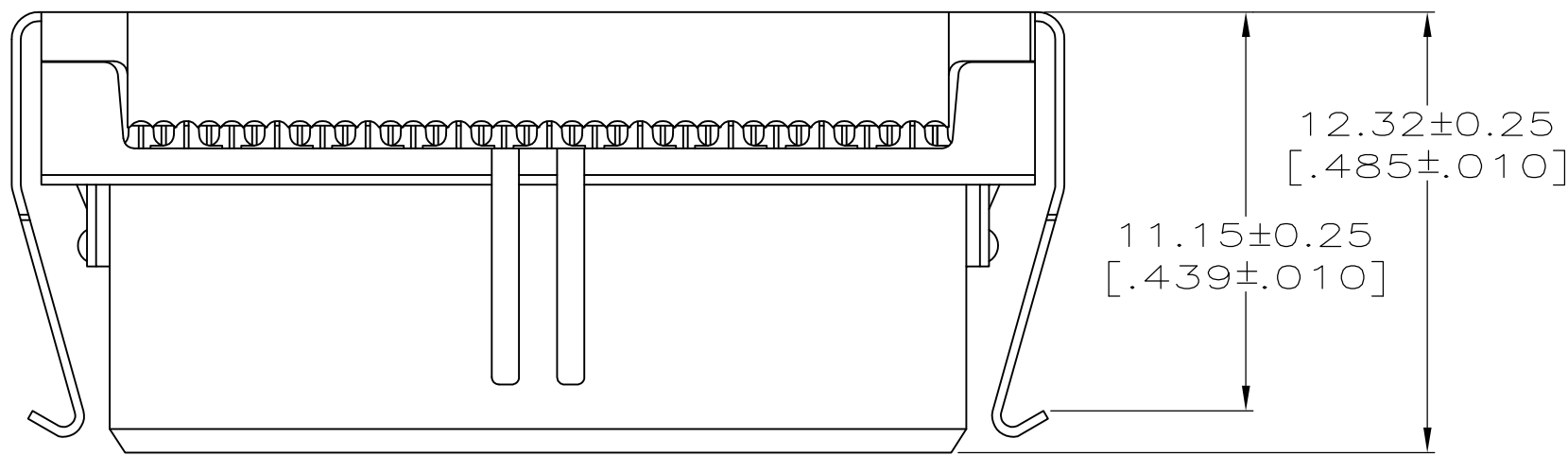
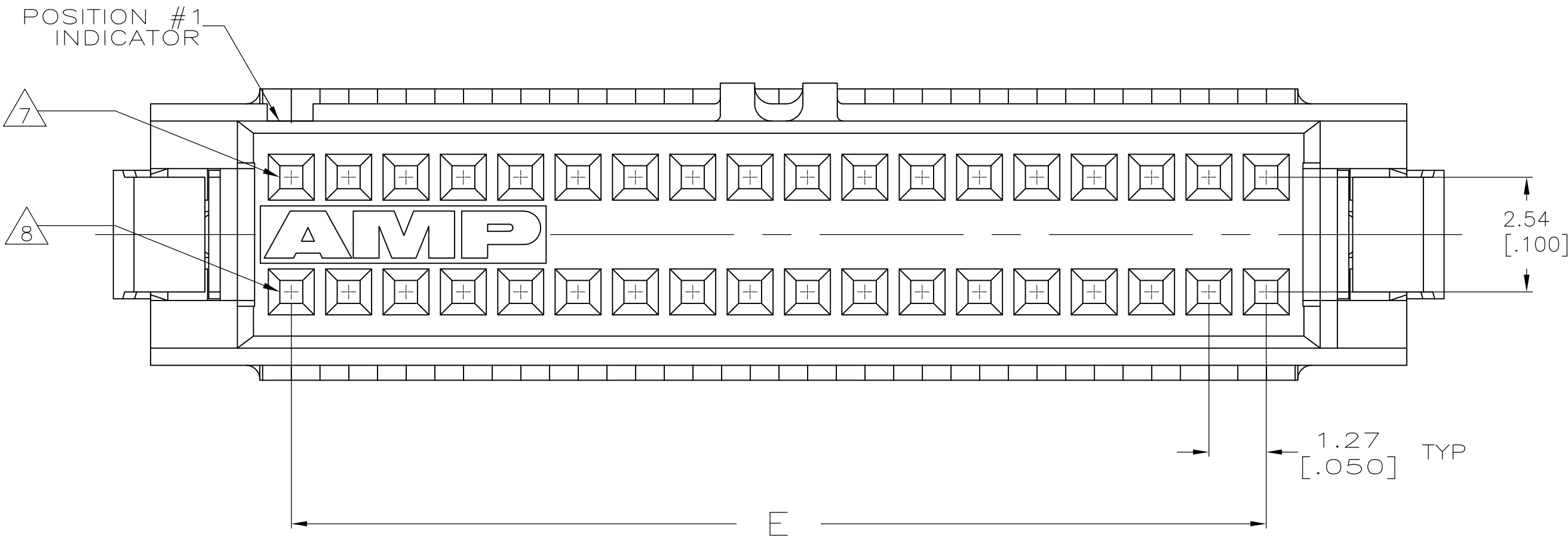
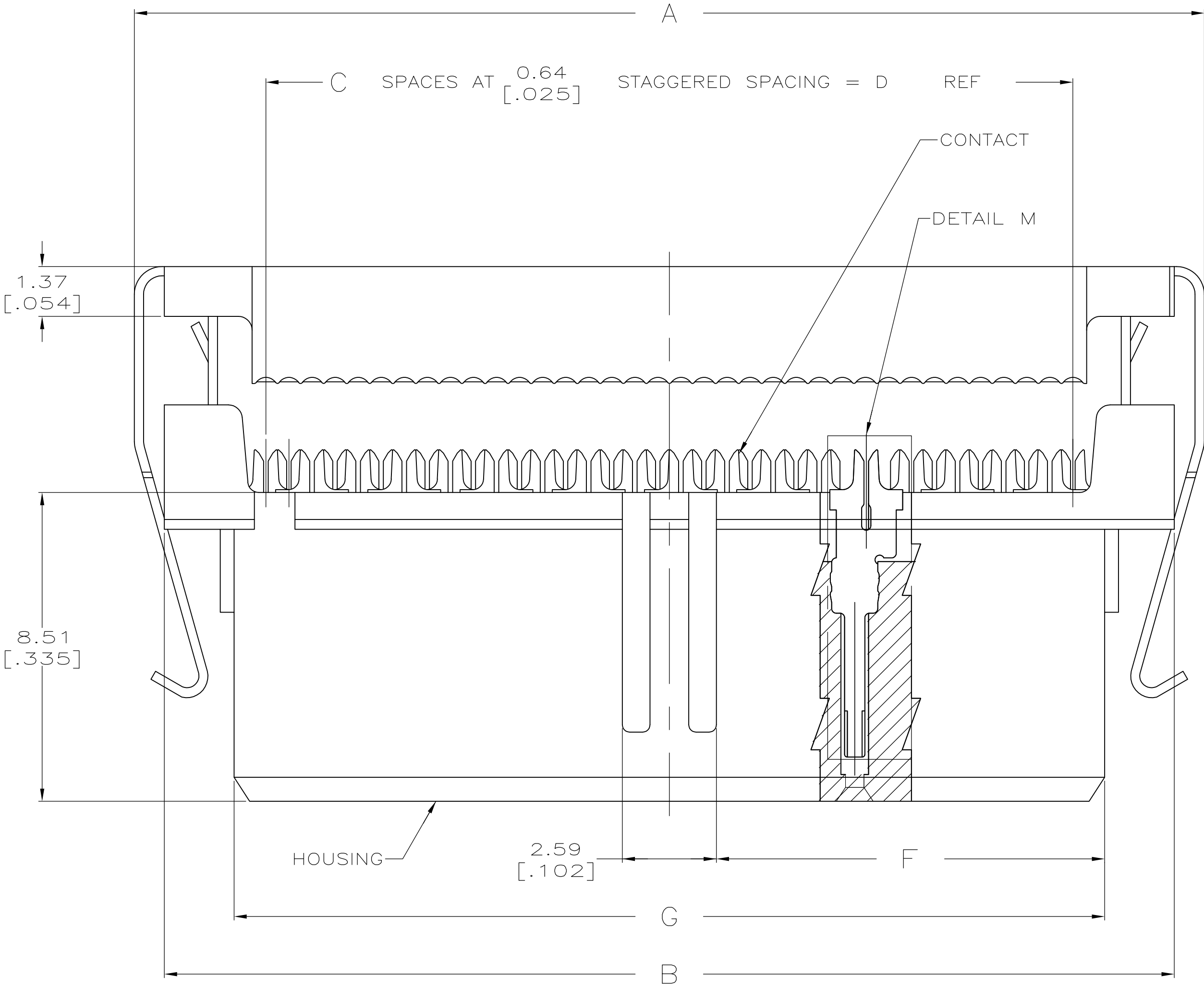
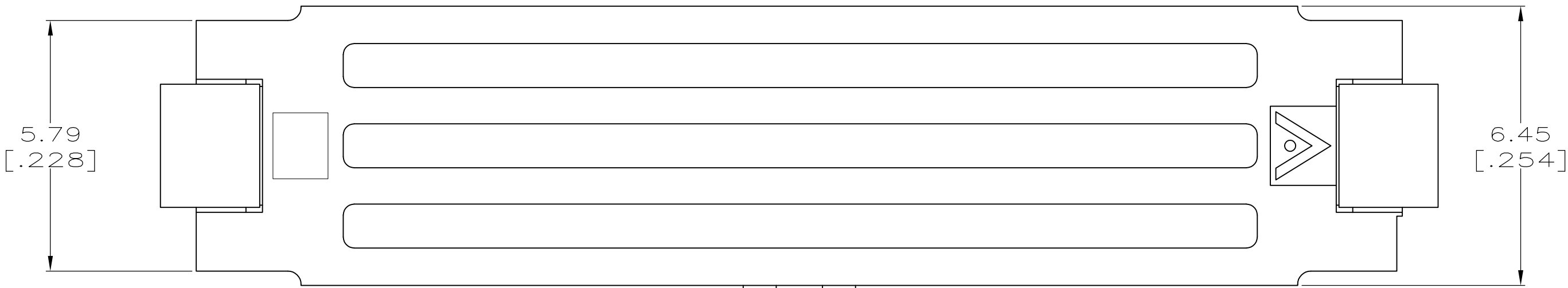
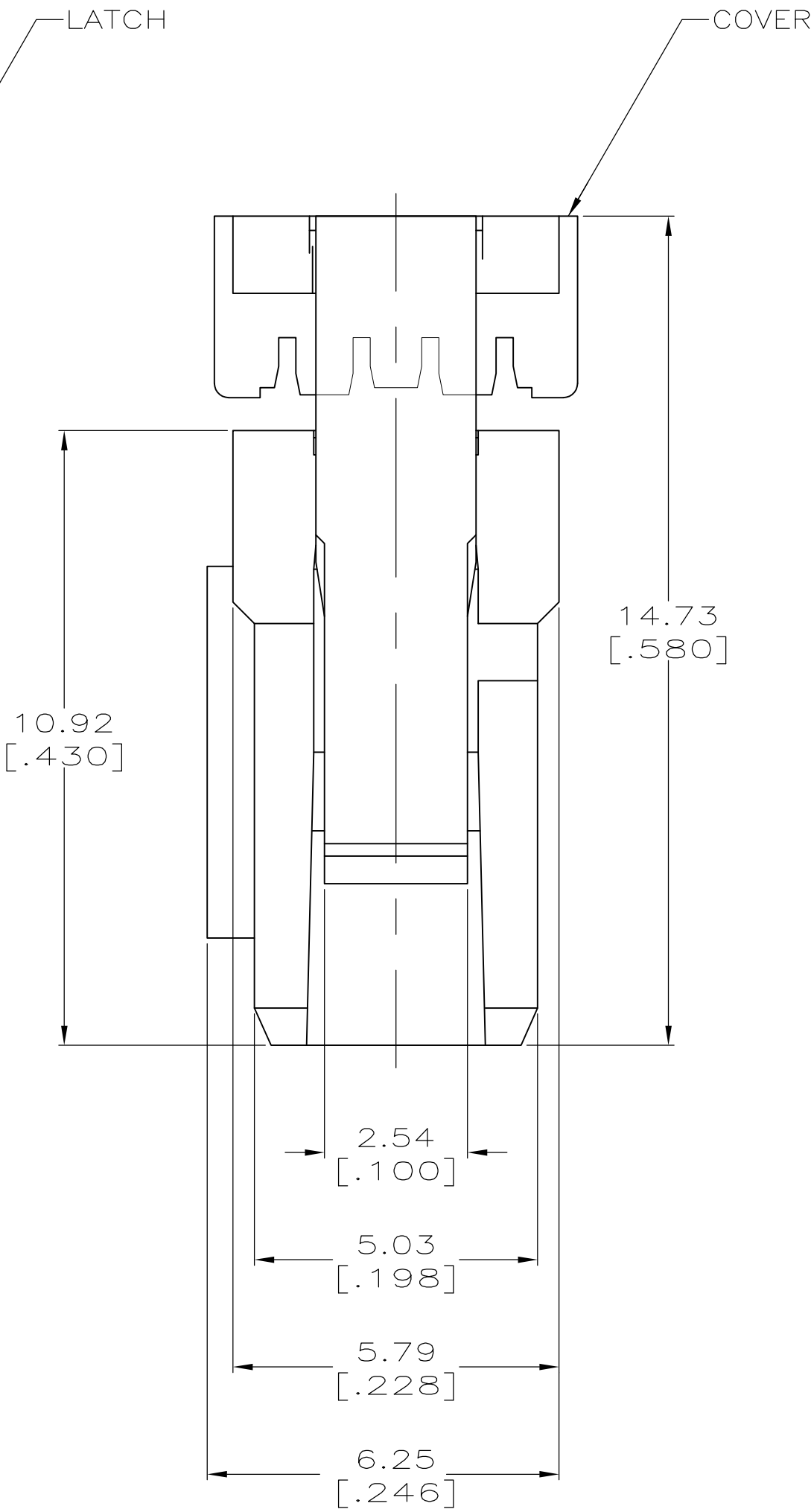


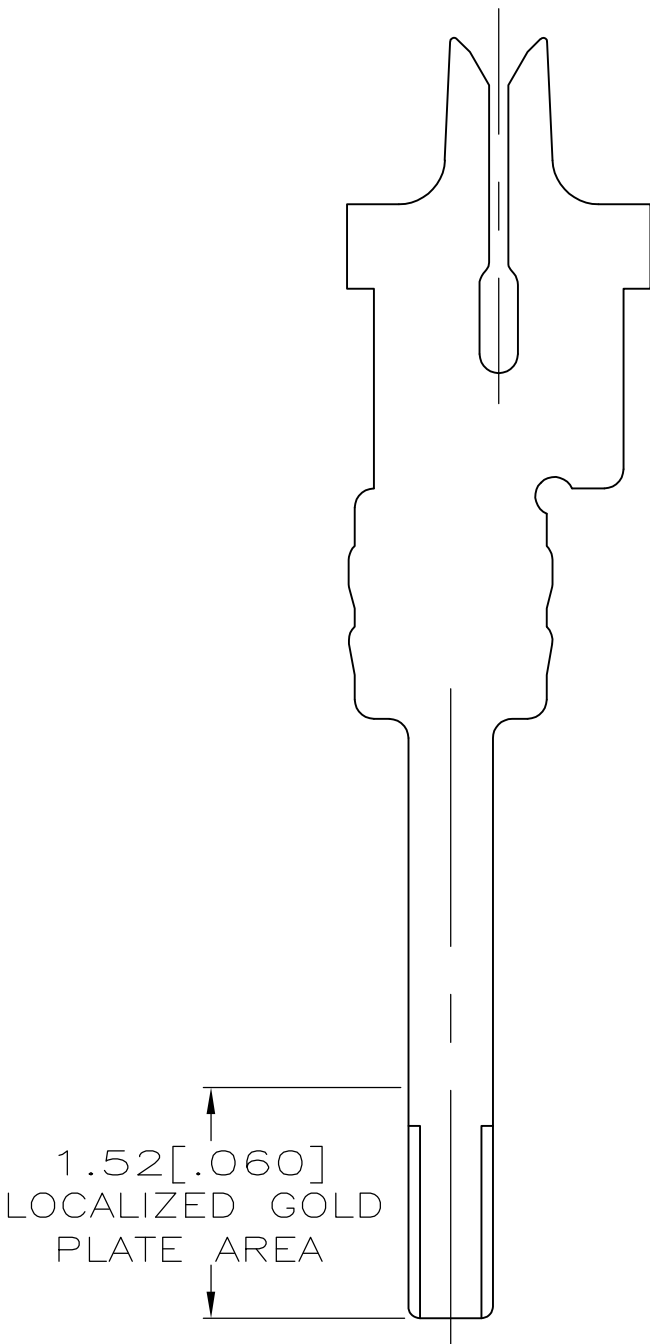
LOC		DIST		REVISIONS			
GP		00		REV	DESCRIPTION	DATE	BY
				K3	REVISED PER ECO-07-010138	07MAY07	JDP/CWR



TERMINATED VIEW
SCALE 5:1



BEFORE TERMINATION



DETAIL M
SCALE 20:1
TYPICAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. GERACE	20JUL04	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK C. ROHDE	20JUL04		
		APP'D M. WALMSLEY	20JUL04	NAME AMP-LATCH™ SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64[.025] IDC	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A1	
		0. PLC ± .005 1. PLC ± .005 2. PLC ± .005 3. PLC ± .005 4. PLC ± .005 ANGLES ± .005		CAGE CODE 00779	
MATERIAL SEE SHEET 2		FINISH SEE SHEET 2		RESTRICTED TO —	
		WEIGHT —		SCALE 10:1	
		CUSTOMER DRAWING		SHEET 1 OF 2	
				REV K3	

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

GP

DIST

00

REV

1

DESCRIPTION

SEE SHEET 1

DATE

-

DWN

-

APVD

-

1

HOUSING MATERIAL: UL RATED 94V-0 LCP THERMOPLASTIC, COLOR-BLACK.

COVER MATERIAL: UL RATED 94V-0 POLYESTER MOLDING COMPOUND, COLOR-BLACK.

2

CONTACT MATERIAL: COPPER ALLOY.

3

LATCH MATERIAL: STAINLESS STEEL.

4

CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK BRIGHT TIN OR BRIGHT TIN-LEAD ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

5

MATES WITH 0.38 [.015] SQUARE OR ROUND POSTS, 3.18±0.10 [.125±.004] LONG, ON 1.27 [.050] × 2.54 [.100] GRID.

6

CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK TIN ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

7

POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW.

8

POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW.

6

44.30
[1.744]

20.85
[.821]

41.91
[1.650]

42.54
[1.675]

67

48.13
[1.895]

49.78
[1.960]

68

3-111196-4

6

51.92
[2.044]

24.66
[.971]

49.53
[1.950]

50.16
[1.975]

79

55.75
[2.195]

57.40
[2.260]

80

3-111196-3

6

41.76
[1.644]

19.58
[.771]

39.37
[1.550]

40.00
[1.575]

63

45.59
[1.795]

47.24
[1.860]

64

3-111196-2

6

29.06
[1.144]

13.23
[.521]

26.67
[1.050]

27.30
[1.075]

43

32.89
[1.295]

34.54
[1.360]

44

3-111196-1

6

22.71
[.894]

10.06
[.396]

20.32
[.800]

20.96
[.825]

33

26.54
[1.045]

28.19
[1.110]

34

3-111196-0

6

17.63
[.694]

7.52
[.296]

15.24
[.600]

15.88
[.625]

25

21.46
[.845]

23.11
[.910]

26

2-111196-9

6

16.36
[.644]

6.88
[.271]

13.97
[.550]

14.60
[.575]

23

20.19
[.795]

21.84
[.860]

24

2-111196-8

6

11.28
[.444]

4.34
[.171]

8.89
[.350]

9.52
[.375]

15

15.11
[.545]

16.76
[.610]

16

2-111196-7

6

10.01
[.394]

3.71
[.146]

7.62
[.300]

8.26
[.325]

13

13.84
[.545]

15.49
[.610]

14

2-111196-6

6

7.47
[.294]

2.44
[.096]

5.08
[.200]

5.72
[.225]

9

11.30
[.445]

12.95
[.510]

10

2-111196-5

6

64.62
[2.544]

31.01
[1.221]

62.23
[2.450]

62.86
[2.475]

99

68.45
[2.695]

70.10
[2.760]

100

2-111196-4

6

46.84
[1.844]

22.12
[.871]

44.45
[1.750]

45.08
[1.775]

71

50.67
[1.995]

52.32
[2.060]

72

2-111196-3

6

39.22
[1.544]

18.31
[.721]

36.83
[1.450]

37.46
[1.475]

59

43.05
[1.695]

44.70
[1.760]

60

2-111196-2

6

32.87
[1.294]

15.14
[.596]

30.48
[1.200]

31.12
[1.225]

49

36.70
[1.445]

38.35
[1.510]

50

2-111196-1

6

26.52
[1.044]

11.96
[.471]

24.13
[.950]

24.76
[.975]

39

30.35
[1.195]

32.00
[1.260]

40

2-111196-0

6

20.17
[.794]

8.79
[.346]

17.78
[.700]

18.42
[.725]

29

24.00
[.945]

25.65
[1.010]

30

1-111196-9

6

13.82
[.544]

5.61
[.221]

11.43
[.450]

12.06
[.475]

19

17.65
[.695]

19.30
[.760]

20

1-111196-8

OBSOLETE

4

44.30
[1.744]

20.85
[.821]

41.91
[1.650]

42.54
[1.675]

67

48.13
[1.895]

49.78
[1.960]

68

1-111196-7

4

64.62
[2.544]

31.01
[1.221]

62.23
[2.450]

62.86
[2.475]

99

68.45
[2.695]

70.10
[2.760]

100

1-111196-6

OBSOLETE

4

51.92
[2.044]

24.66
[.971]

49.53
[1.950]

50.16
[1.975]

79

55.75
[2.195]

57.40
[2.260]

80

1-111196-5

4

46.84
[1.844]

22.12
[.871]

44.45
[1.750]

45.08
[1.775]

71

50.67
[1.995]

52.32
[2.060]

72

1-111196-4

4

41.76
[1.644]

19.58
[.771]

39.37
[1.550]

40.00
[1.575]

63

45.59
[1.795]

47.24
[1.860]

64

1-111196-3

4

39.22
[1.544]

18.31
[.721]

36.83
[1.450]

37.46
[1.475]

59

43.05
[1.695]

44.70
[1.760]

60

1-111196-2

4

32.87
[1.294]

15.14
[.596]

30.48
[1.200]

31.12
[1.225]

49

36.70
[1.445]

38.35
[1.510]

50

1-111196-1

4

29.06
[1.144]

13.23
[.521]

26.67
[1.050]

27.30
[1.075]

43

32.89
[1.295]

34.54
[1.360]

44

1-111196-0

OBSOLETE

4

26.52
[1.044]

11.96
[.471]

24.13
[.950]

24.76
[.975]

39

30.35
[1.195]

32.00
[1.260]

40

111196-9

4

22.71
[.894]

10.06
[.396]

20.32
[.800]

20.96
[.825]

33

26.54
[1.045]

28.19
[1.110]

34

111196-8

4

20.17
[.794]

8.79
[.346]

17.78
[.700]

18.42
[.725]

29

24.00
[.945]

25.65
[1.010]

30

111196-7

4

17.63
[.694]

7.52
[.296]

15.24
[.600]

15.88
[.625]

25

21.46
[.845]

23.11
[.910]

26

111196-6

4

16.36
[.644]

6.88
[.271]

13.97
[.550]

14.60
[.575]

23

20.19
[.795]

21.84
[.860]

24

111196-5

4

13.82
[.544]

5.61
[.221]

11.43
[.450]

12.06
[.475]

19

17.65
[.695]

19.30
[.760]

20

111196-4

OBSOLETE

4

11.28
[.444]

4.34
[.171]

8.89
[.350]

9.52
[.375]

15

15.11
[.545]

16.76
[.610]

16

111196-3

OBSOLETE

4

10.01
[.394]

3.71
[.146]

7.62
[.300]

8.26
[.325]

13

13.84
[.545]

15.49
[.610]

14

111196-2

4

7.47
[.294]

2.44
[.096]

5.08
[.200]

5.72
[.225]

9

11.30
[.445]

12.95
[.510]

10

111196-1

CONTACT FINISH

G

F

E

D

C

B

A

POSN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.13[.005]

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

MOLDED PARTS:

DWN
R.K. SEIFRIED/JTA
CHK
R. BUCHTER
APVD
-

11/13/92
3/25/93

NAME

AMP-LATCH SYSTEM 50,
RECEPTACLE ASSEMBLY,
0.64[.025] , IDC

PRODUCT SPEC
108-1109

APPLICATION SPEC
114-25029

WEIGHT
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
111196

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE 10:1

SHEET 2 OF 2

REV K3

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LOC

GP

DIST

00

REV

1

DESCRIPTION

SEE SHEET 1

DATE

-

DWN

-

APVD

-

1

HOUSING MATERIAL: UL RATED 94V-0 LCP THERMOPLASTIC, COLOR-BLACK.

COVER MATERIAL: UL RATED 94V-0 POLYESTER MOLDING COMPOUND, COLOR-BLACK.

2

CONTACT MATERIAL: COPPER ALLOY.

3

LATCH MATERIAL: STAINLESS STEEL.

4

CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK BRIGHT TIN OR BRIGHT TIN-LEAD ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

5

MATES WITH 0.38 [.015] SQUARE OR ROUND POSTS, 3.18±0.10 [.125±.004] LONG, ON 1.27 [.050] × 2.54 [.100] GRID.

6

CONTACT FINISH: 0.00076 [.000030] MIN THICK GOLD PLATE ON LOCALIZED GOLD PLATE AREA, 0.00254-0.00508 [.000100-.000200] THICK TIN ON IDC END, ALL OVER 0.00127 [.000050] MIN THICK NICKEL PLATE.

7

POSITION 1: ALL ODD NUMBERED POSITIONS IN THIS ROW.

8

POSITION 2: ALL EVEN NUMBERED POSITIONS IN THIS ROW.

6

44.30
[1.744]

20.85
[.821]

41.91
[1.650]

42.54
[1.675]

67

48.13
[1.895]

49.78
[1.960]

68

3-111196-4

6

51.92
[2.044]

24.66
[.971]

49.53
[1.950]

50.16
[1.975]

79

55.75
[2.195]

57.40
[2.260]

80

3-111196-3

6

41.76
[1.644]

19.58
[.771]

39.37
[1.550]

40.00
[1.575]

63

45.59
[1.795]

47.24
[1.860]

64

3-111196-2

6

29.06
[1.144]

13.23
[.521]

26.67
[1.050]

27.30
[1.075]

43

32.89
[1.295]

34.54
[1.360]

44

3-111196-1

6

22.71
[.894]

10.06
[.396]

20.32
[.800]

20.96
[.825]

33

26.54
[1.045]

28.19
[1.110]

34

3-111196-0

6

17.63
[.694]

7.52
[.296]

15.24
[.600]

15.88
[.625]

25

21.46
[.845]

23.11
[.910]

26

2-111196-9

6

16.36
[.644]

6.88
[.271]

13.97
[.550]

14.60
[.575]

23

20.19
[.795]

21.84
[.860]

24

2-111196-8

6

11.28
[.444]

4.34
[.171]

8.89
[.350]

9.52
[.375]

15

15.11
[.545]

16.76
[.610]

16

2-111196-7

6

10.01
[.394]

3.71
[.146]

7.62
[.300]

8.26
[.325]

13

13.84
[.545]

15.49
[.610]

14

2-111196-6

6

7.47
[.294]

2.44
[.096]

5.08
[.200]

5.72
[.225]

9

11.30
[.445]

12.95
[.510]

10

2-111196-5

6

64.62
[2.544]

31.01
[1.221]

62.23
[2.450]

62.86
[2.475]

99

68.45
[2.695]

70.10
[2.760]

100

2-111196-4

6

46.84
[1.844]

22.12
[.871]

44.45
[1.750]

45.08
[1.775]

71

50.67
[1.995]

52.32
[2.060]

72

2-111196-3

6

39.22
[1.544]

18.31
[.721]

36.83
[1.450]

37.46
[1.475]

59

43.05
[1.695]

44.70
[1.760]

60

2-111196-2

6

32.87
[1.294]

15.14
[.596]

30.48
[1.200]

31.12
[1.225]

49

36.70
[1.445]

38.35
[1.510]

50

2-111196-1

6

26.52
[1.044]

11.96
[.471]

24.13
[.950]

24.76
[.975]

39

30.35
[1.195]

32.00
[1.260]

40

2-111196-0

6

20.17
[.794]

8.79
[.346]

17.78
[.700]

18.42
[.725]

29

24.00
[.945]

25.65
[1.010]

30

1-111196-9

6

13.82
[.544]

5.61
[.221]

11.43
[.450]

12.06
[.475]

19

17.65
[.695]

19.30
[.760]

20

1-111196-8

OBSOLETE

4

44.30
[1.744]

20.85
[.821]

41.91
[1.650]

42.54
[1.675]

67

48.13
[1.895]

49.78
[1.960]

68

1-111196-7

4

64.62
[2.544]

31.01
[1.221]

62.23
[2.450]

62.86
[2.475]

99

68.45
[2.695]

70.10
[2.760]

100

1-111196-6

OBSOLETE

4

51.92
[2.044]

24.66
[.971]

49.53
[1.950]

50.16
[1.975]

79

55.75
[2.195]

57.40
[2.260]

80

1-111196-5

4

46.84
[1.844]

22.12
[.871]

44.45
[1.750]

45.08
[1.775]

71

50.67
[1.995]

52.32
[2.060]

72

1-111196-4

4

41.76
[1.644]

19.58
[.771]

39.37
[1.550]

40.00
[1.575]

63

45.59
[1.795]

47.24
[1.860]

64

1-111196-3

4

39.22
[1.544]

18.31
[.721]

36.83
[1.450]

37.46
[1.475]

59

43.05
[1.695]

44.70
[1.760]

60

1-111196-2

4

32.87
[1.294]

15.14
[.596]

30.48
[1.200]

31.12
[1.225]

49

36.70
[1.445]

38.35
[1.510]

50

1-111196-1

4

29.06
[1.144]

13.23
[.521]

26.67
[1.050]

27.30
[1.075]

43

32.89
[1.295]

34.54
[1.360]

44

1-111196-0

OBSOLETE

4

26.52
[1.044]

11.96
[.471]

24.13
[.950]

24.76
[.975]

39

30.35
[1.195]

32.00
[1.260]

40

111196-9

4

22.71
[.894]

10.06
[.396]

20.32
[.800]

20.96
[.825]

33

26.54
[1.045]

28.19
[1.110]

34

111196-8

4

20.17
[.794]

8.79
[.346]

17.78
[.700]

18.42
[.725]

29

24.00
[.945]

25.65
[1.010]

30

111196-7

4

17.63
[.694]

7.52
[.296]

15.24
[.600]

15.88
[.625]

25

21.46
[.845]

23.11
[.910]

26

111196-6

4

16.36
[.644]

6.88
[.271]

13.97
[.550]

14.60
[.575]

23

20.19
[.795]

21.84
[.860]

24

111196-5

4

13.82
[.544]

5.61
[.221]

11.43
[.450]

12.06
[.475]

19

17.65
[.695]

19.30
[.760]

20

111196-4

OBSOLETE

4

11.28
[.444]

4.34
[.171]

8.89
[.350]

9.52
[.375]

15

15.11
[.545]

16.76
[.610]

16

111196-3

OBSOLETE

4

10.01
[.394]

3.71
[.146]

7.62
[.300]

8.26
[.325]

13

13.84
[.545]

15.49
[.610]

14

111196-2

4

7.47
[.294]

2.44
[.096]

5.08
[.200]

5.72
[.225]

9

11.30
[.445]

12.95
[.510]

10

111196-1

CONTACT FINISH

G

F

E

D

C

B

A

POSN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± 0.13[.005]

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

MOLDED PARTS:

DWN
R.K. SEIFRIED/JTA
CHK
R. BUCHTER
APVD
-

11/13/92
3/25/93

NAME

AMP-LATCH SYSTEM 50,
RECEPTACLE ASSEMBLY,
0.64[.025] , IDC

PRODUCT SPEC
108-1109

APPLICATION SPEC
114-25029

WEIGHT
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
111196

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE 10:1

SHEET 2 OF 2

REV K3

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LOC

GP

DIST

00

REV

1

DESCRIPTION

SEE SHEET 1

DATE

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DWN

-

APVD

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