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RELEASED FOR PUBLICATION

87631, 87631

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LOC

DIST

AD00

REVISED PER ECO-13-004115

DATE

DWN

APVD

07MAR13

KH

JO

AMP", PART NO. & DATE CODE
MARKED (WHITE) 1.58±0.38 [.062±.015] HIGH CHARS.
IN AREA SHOWN WHEN HOUSING SIZE PERMITS

4.45 [.175]
REF

20

10

2

-A-

CAVITY IDENT. MARKED (WHITE)
1.17±0.38 [.046±.015] HIGH CHARS. SECOND AND
EVERY FIFTH CAVITY, ONE SIDE.

0.00 [.000]

5.46±0.08 [.215±.003]

1.27 [.050]

2.54 [.100]
TYP

0.00 [.000]

4.19±0.08 [.165±.003]

2.54 [.100]
TYP

0.00 [.000]

5.46±0.08 [.215±.003]

1.27 [.050]

2.54 [.100]
TYP

0.00 [.000]

4.19±0.08 [.165±.003]

2.54 [.100]
TYP

BASIC DIMENSION FOR
ODD NUMBER OF SPACES
(SEE THE TABLE)

BASIC DIMENSION FOR
EVEN NUMBER OF SPACES
(SEE THE TABLE)

15.24^{+0.13}_{-0.25} [.600^{+.005}_{-.010}]

-C-

6.10 [.240]
REF

R OPTIONAL

1.09±0.10 [.043±.004]

⌀ 0.15 [.006] Ⓜ A B Ⓢ C Ⓢ

SECTION Y-Y
ROTATED 90° CLOCKWISE

2.54 [.100]

1.27 [.050]
REF TYP

1.78 [.070]
TYP

SEE DETAIL Z

4.45 [.175]
REF

D REF

3

2

SEE TABLE FOR NUMBER OF DETENTS. DETENT ON THIS SIDE FOR HOUSINGS WITH ONE DETENT.

3

STRAIN RELIEF LOCATORS WILL APPEAR ON 20 POSITION AND LARGER HOUSINGS.

4

USE EXTRACTION TOOL 91052-1 TO REMOVE RECEPTACLE CONTACTS.

5

THESE HOUSINGS ARE COMPATIBLE WITH ANY MOD II SHROUDED HEADER.

6

HOUSINGS WILL ACCOMMODATE ALL MOD IV, IV.5 AND MOD V CONTACTS.

7

MATERIAL: FLAME RETARDANT GLASS FILLED NYLON, COLOR: BLACK PER ASTM D4066.

8

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

8

OBSOLETE

ALL

2

81.28 [3.200]

31

64

6-87631-6

NONE

2

81.28 [3.200]

31

64

6-87631-5

8

OBSOLETE

ALL

2

73.66 [2.900]

28

58

6-87631-4

NONE

2

73.66 [2.900]

28

58

6-87631-3

6-87631-2

6-87631-1

ALL

2

60.96 [2.400]

23

48

6-87631-0

8

OBSOLETE

NONE

2

60.96 [2.400]

23

48

5-87631-9

8

OBSOLETE

ALL

2

88.90 [3.500]

35

72

5-87631-8

NONE

2

88.90 [3.500]

35

72

5-87631-7

ALL

2

88.90 [3.500]

34

70

5-87631-6

NONE

2

88.90 [3.500]

34

70

5-87631-5

ALL

2

83.82 [3.300]

32

66

5-87631-4

8

OBSOLETE

NONE

2

83.82 [3.300]

32

66

5-87631-3

ALL

2

76.20 [3.000]

29

60

5-87631-2

NONE

2

76.20 [3.000]

29

60

5-87631-1

5-87631-0

4-87631-9

4-87631-8

4-87631-7

8

OBSOLETE

ALL

2

68.58 [2.700]

26

54

4-87631-6

NONE

2

68.58 [2.700]

26

54

4-87631-5

ALL

2

66.04 [2.600]

25

52

4-87631-4

NONE

2

66.04 [2.600]

25

52

4-87631-3

ALL

2

63.50 [2.500]

24

50

4-87631-2

NONE

2

63.50 [2.500]

24

50

4-87631-1

ALL

2

55.88 [2.200]

21

44

4-87631-0

NONE

2

55.88 [2.200]

21

44

3-87631-9

8

OBSOLETE

ALL

2

53.34 [2.100]

20

42

3-87631-8

NONE

2

53.34 [2.100]

20

42

3-87631-7

ALL

2

50.80 [2.000]

19

40

3-87631-6

NONE

2

50.80 [2.000]

19

40

3-87631-5

ALL

2

48.26 [1.900]

18

38

3-87631-4

NONE

2

48.26 [1.900]

18

38

3-87631-3

ALL

2

45.72 [1.800]

17

36

3-87631-2

NONE

2

45.72 [1.800]

17

36

3-87631-1

ALL

2

43.18 [1.700]

16

34

3-87631-0

NONE

2

43.18 [1.700]

16

34

2-87631-9

ALL

2

40.64 [1.600]

15

32

2-87631-8

NONE

2

40.64 [1.600]

15

32

2-87631-7

ALL

2

38.10 [1.500]

14

30

2-87631-6

NONE

2

38.10 [1.500]

14

30

2-87631-5

ALL

2

35.56 [1.400]

13

28

2-87631-4

NONE

2

35.56 [1.400]

13

28

2-87631-3

ALL

2

33.02 [1.300]

12

26

2-87631-2

NONE

2

33.02 [1.300]

12

26

2-87631-1

ALL

2

30.48 [1.200]

11

24

2-87631-0

NONE

2

30.48 [1.200]

11

24

1-87631-9

ALL

2

27.94 [1.100]

10

22

1-87631-8

NONE

2

27.94 [1.100]

10

22

1-87631-7

ALL

2

25.40 [1.000]

9

20

1-87631-6

NONE

2

25.40 [1.000]

9

20

1-87631-5

ALL

1

22.86 [.900]

8

18

1-87631-4

NONE

1

22.86 [.900]

8

18

1-87631-3

ALL

1

20.32 [.800]

7

16

1-87631-2

NONE

1

20.32 [.800]

7

16

1-87631-1

ALL

1

17.78 [.700]

6

14

1-87631-0

NONE

1

17.78 [.700]

6

14

87631-9

ALL

1

15.24 [.600]

5

12

87631-8

NONE

1

15.24 [.600]

5

12

87631-7

ALL

1

12.70 [.500]

4

10

87631-6

NONE

1

12.70 [.500]

4

10

87631-5

ALL

1

10.16 [.400]

3

8

87631-4

NONE

1

10.16 [.400]

3

8

87631-3

ALL

1

7.62 [.300]

2

6

87631-2

NONE

1

7.62 [.300]

2

6

87631-1

MARKING

NO. OF
DETENTS

D

NO. OF
SPACES

NO. OF
POSN

PART
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
E. BRANDBERG
CHK
S. SHUEY
APVD
D. DUPLER

09FEB94
08NOV94
08NOV94

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.13 [.005]
3 PLC ± -
4 PLC ± -
ANGLES ± -

FINISH

7

NAME

CONNECTOR, MOD IV,
CRIMP SNAP-IN, WITH DETENT

SIZE
A1

CAGE CODE
00779

DRAWING NO.
87631

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE
4:1

SHEET
1

OF
1

REV
W4

TE Connectivity

TE Connectivity

4805 (3/11)