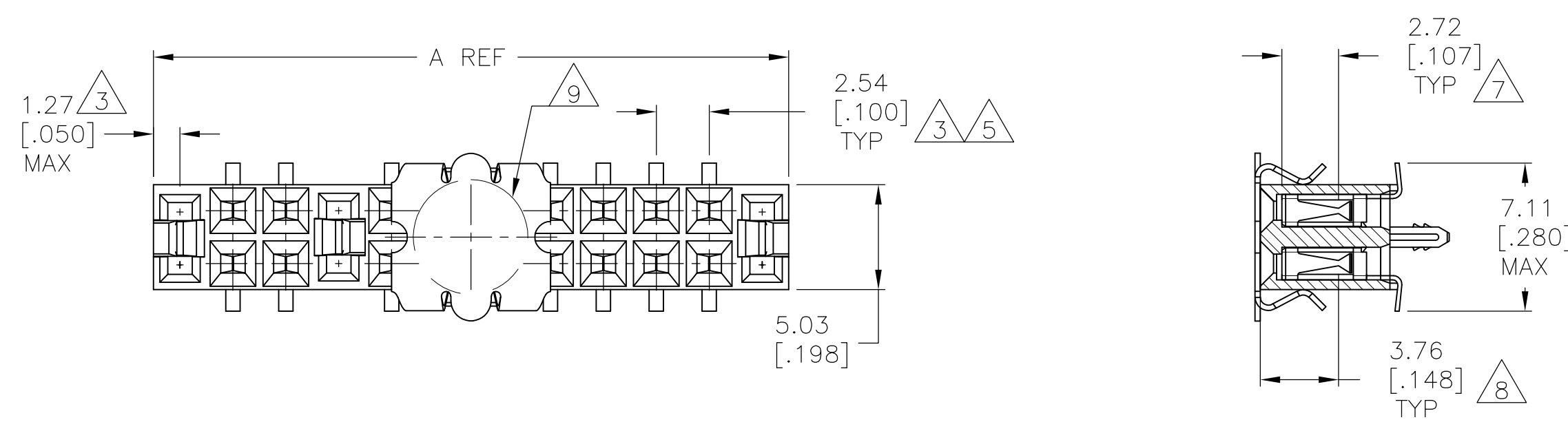




14 6 OBSOLETE

4805 (3/11)

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISONS

AD

00

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

1

HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE
VACUUM COVER: STAINLESS STEEL

2

CONTACT: DUPLEX PLATED 0.76µm[.000030] GOLD IN CONTACT AREA, 3.81–7.62µm[.000150–.000300] BRIGHT TIN–LEAD ON, LEADS, ALL OVER 1.27µm[.000050] MINIMUM NICKEL

3

THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY
NOT TO CONTACT LOCATIONS

4

MARK PART NUMBER AND DATE CODE IN
APPROXIMATE LOCATION SHOWN, EITHER SIDE.

5

TOLERANCE IS NON–CUMULATIVE.

6

2 POSITION DATE CODE IS MARKED OPPOSITE SIDE OF TE LOGO.

7

POINT OF MEASUREMENT DIMENSION FOR PLATING THICKNESS (INSIDE CONTACT BEAM).

8

POINT–OF–CONTACT DIMENSION.

9

ø5.51[.217] MIN TARGET AREA FOR VACUUM PICK UP.
COVER TO BE REMOVED AFTER SOLDERING.

10

NO CENTER HOLD DOWN.

11

PACKAGED IN TUBES.

12

HOLES ø1.125±.025[.0453±.0010] DRILL SIZE [0.03–0.08[.001–.003] COPPER PLATING.
0.007[.003]MIN 60/40 TIN LEAD ø0.94–1.09[.037–.043] AFTER PLATING, 0.25[.010] ANNULAR RING BOTH SIDES.

13

TE CONNECTIVITY TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.

14

NO PART NUMBER REQUIRED ON THIS PART.

15

CONTACT: DUPLEX PLATED 0.76µm[.000030] GOLD IN CONTACT AREA, 3.81–7.62µm[.000150–.000300] MATTE TIN ON LEADS, ALL OVER 1.27µm[.000050] MINIMUM NICKEL.

16

ROHS 2002 /95/EC COMPLIANT.

13

53.34[2.100]

106.68[4.200]

99.06[3.900]

109.22[4.300]

80

9–147102–0

13

50.80[2.000]

104.14[4.100]

96.52[3.800]

106.68[4.200]

78

8–147102–9

13

50.80[2.000]

101.60[4.000]

93.98[3.700]

104.14[4.100]

76

8–147102–8

13

48.26[1.900]

99.06[3.900]

91.44[3.600]

101.60[4.000]

74

8–147102–7

13

48.26[1.900]

96.52[3.800]

88.90[3.500]

99.06[3.900]

72

8–147102–6

13

45.72[1.800]

93.98[3.700]

86.36[3.400]

96.52[3.800]

70

8–147102–5

13

10

88.90[3.500]

83.82[3.300]

91.44[3.600]

68

8–147102–4

13

10

86.36[3.400]

81.28[3.200]

88.90[3.500]

66

8–147102–3

13

10

83.82[3.300]

78.74[3.100]

86.36[3.400]

64

8–147102–2

13

10

81.28[3.200]

76.20[3.000]

83.82[3.300]

62

8–147102–1

13

10

78.74[3.100]

73.66[2.900]

81.28[3.200]

60

8–147102–0

13

10

76.20[3.000]

71.12[2.800]

78.74[3.100]

58

7–147102–9

13

10

73.66[2.900]

68.58[2.700]

76.20[3.000]

56

7–147102–8

13

10

71.12[2.800]

66.04[2.600]

73.66[2.900]

54

7–147102–7

13

10

68.58[2.700]

63.50[2.500]

71.12[2.800]

52

7–147102–6

13

10

66.04[2.600]

60.96[2.400]

68.58[2.700]

50

7–147102–5

13

10

63.50[2.500]

58.42[2.300]

66.04[2.600]

48

7–147102–4

13

10

60.96[2.400]

55.88[2.200]

63.50[2.500]

46

7–147102–3

13

10

58.42[2.300]

53.34[2.100]

60.96[2.400]

44

7–147102–2

13

10

55.88[2.200]

50.80[2.000]

58.42[2.300]

42

7–147102–1

13

10

53.34[2.100]

48.26[1.900]

55.88[2.200]

40

7–147102–0

13

10

50.80[2.000]

45.72[1.800]

53.34[2.100]

38

6–147102–9

13

10

48.26[1.900]

43.18[1.700]

50.80[2.000]

36

6–147102–8

13

10

45.72[1.800]

40.64[1.600]

48.26[1.900]

34

6–147102–7

13

10

43.18[1.700]

38.10[1.500]

45.72[1.800]

32

6–147102–6

13

10

40.64[1.600]

35.56[1.400]

43.18[1.700]

30

6–147102–5

13

10

38.10[1.500]

33.02[1.300]

40.64[1.600]

28

6–147102–4

13

10

35.56[1.400]

30.48[1.200]

38.10[1.500]

26

6–147102–3

13

10

33.02[1.300]

27.94[1.100]

35.56[1.400]

24

6–147102–2

13

10

30.48[1.200]

25.40[1.000]

33.02[1.300]

22

6–147102–1

13

10

27.94[1.100]

22.86[.900]

30.48[1.200]

20

6–147102–0

13

10

25.40[1.000]

20.32[.800]

27.94[1.100]

18

5–147102–9

13

10

22.86[.900]

17.78[.700]

25.40[1.000]

16

5–147102–8

13

10

20.32[.800]

15.24[.600]

22.86[.900]

14

5–147102–7

13

10

17.78[.700]

12.70[.500]

20.32[.800]

12

5–147102–6

13

10

15.24[.600]

10.16[.400]

17.78[.700]

10

5–147102–5

13

10

12.70[.500]

7.62[.300]

15.24[.600]

8

5–147102–4

13

10

10.16[.400]

5.08[.200]

12.70[.500]

6

5–147102–3

13

10

7.62[.300]

2.54[.100]

10.16[.400]

4

5–147102–2

13

10

5.08[.200]

–

7.62[.300]

2

5–147102–1

FINISH

D

C

B

A

NO. OF POSN

PART NUMBER

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 ± –

1

DWN
M. BINNER
CHK
J. OLSON
APVD
J. OLSON

06NOV02
06NOV02
06NOV02

NAME

RECEPTACLE ASSEMBLY, MOD IV,
DOUBLE ROW, DUAL ENTRY, .100X.100CL,
SURFACE MOUNT, AMPMODU

PRODUCT SPEC
108–25022

APPLICATION SPEC
114–25018

SIZE
A1

CAGE CODE
00779

DRAWING NO
147102

RESTRICTED TO
–

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 2

REV N7

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Mouser Electronics

Authorized Distributor

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[6-147102-5](#)