

4

3

2

1

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REVISIONS

| P | LTR | 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 CAVITIY CENTERLINES ONLY NOT TO CONTACT LOACATIONS

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 CONNECTIVITY 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

PACKAGED IN TAPE & REEL PER EIA 481 SPECIFICATION.

11

TE CONNECTIVITY TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.

12

NO PART NUMBER REQUIRED ON THIS PART.

13

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

14

ROHS 2002/95/EC COMPLIANT.

15

SUPERRSEDED BY 6–147105–5

16

SUPERRSEDED BY 6–147105–8

17

SUPERRSEDED BY 7–147105–2

18

SUPERRSEDED BY 8–147105–0

12

6

OBSOLETE

13

14

12

12

12

12

| | | | | | |
|--------------|----------------|---------------|------------|-------------|-------------|
| 120mm | 99.06[3.900] | 101.60[4.000] | 80 | 9–147105–0 | |
| | 96.52[3.800] | 99.06[3.900] | 78 | 8–147105–9 | |
| | 93.98[3.700] | 96.52[3.800] | 76 | 8–147105–8 | |
| | 91.44[3.600] | 93.98[3.700] | 74 | 8–147105–7 | |
| | 88.90[3.500] | 91.44[3.600] | 72 | 8–147105–6 | |
| | 86.36[3.400] | 88.90[3.500] | 70 | 8–147105–5 | |
| | 83.82[3.300] | 86.36[3.400] | 68 | 8–147105–4 | |
| | 81.28[3.200] | 83.82[3.300] | 66 | 8–147105–3 | |
| | 78.74[3.100] | 81.28[3.200] | 64 | 8–147105–2 | |
| | 76.20[3.000] | 78.74[3.100] | 62 | 8–147105–1 | |
| | 73.66[2.900] | 76.20[3.000] | 60 | 8–147105–0 | |
| | 71.12[2.800] | 73.66[2.900] | 58 | 7–147105–9 | |
| 68.58[2.700] | 71.12[2.800] | 56 | 7–147105–8 | | |
| 88mm | 66.04[2.600] | 68.58[2.700] | 54 | 7–147105–7 | |
| | 63.50[2.500] | 66.04[2.600] | 52 | 7–147105–6 | |
| | 60.96[2.400] | 63.50[2.500] | 50 | 7–147105–5 | |
| | 58.42[2.300] | 60.96[2.400] | 48 | 7–147105–4 | |
| | 55.88[2.200] | 58.42[2.300] | 46 | 7–147105–3 | |
| 72mm | 53.34[2.100] | 55.88[2.200] | 44 | 7–147105–2 | |
| | 50.80[2.000] | 53.34[2.100] | 42 | 7–147105–1 | |
| | 48.26[1.900] | 50.80[2.000] | 40 | 7–147105–0 | |
| | 45.72[1.800] | 48.26[1.900] | 38 | 6–147105–9 | |
| | 43.18[1.700] | 45.72[1.800] | 36 | 6–147105–8 | |
| | 40.64[1.600] | 43.18[1.700] | 34 | 6–147105–7 | |
| | 38.10[1.500] | 40.64[1.600] | 32 | 6–147105–6 | |
| | 35.56[1.400] | 38.10[1.500] | 30 | 6–147105–5 | |
| | 33.02[1.300] | 35.56[1.400] | 28 | 6–147105–4 | |
| | 30.48[1.200] | 33.02[1.300] | 26 | 6–147105–3 | |
| | 27.94[1.100] | 30.48[1.200] | 24 | 6–147105–2 | |
| | 25.40[1.000] | 27.94[1.100] | 22 | 6–147105–1 | |
| 44mm | 22.86[.900] | 25.40[1.000] | 20 | 6–147105–0 | |
| | 20.32[.800] | 22.86[.900] | 18 | 5–147105–9 | |
| | 17.78[.700] | 20.32[.800] | 16 | 5–147105–8 | |
| | 15.24[.600] | 17.78[.700] | 14 | 5–147105–7 | |
| | 12.70[.500] | 15.24[.600] | 12 | 5–147105–6 | |
| | 10.16[.400] | 12.70[.500] | 10 | 5–147105–5 | |
| | 7.62[.300] | 10.16[.400] | 8 | 5–147105–4 | |
| | 5.08[.200] | 7.62[.300] | 6 | 5–147105–3 | |
| | 2.54[.100] | 5.08[.200] | 4 | 5–147105–2 | |
| | 2.54[.100] | 5.08[.200] | 4 | 5–147105–2 | |
| | 2.54[.100] | 5.08[.200] | 4 | 5–147105–2 | |
| | 2.54[.100] | 5.08[.200] | 4 | 5–147105–2 | |
| 24mm | – | 2.54[.100] | 2 | 5–147105–1 | |
| FINISH | EIA TAPE WIDTH | B | A | NO.OF POSN. | PART NUMBER |

| | | | | | |
|--|--|------------------|---------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.BINNER | 06NOV02 | <div>TE</div> TE Connectivity Ltd. | |
| DIMENSIONS: mm [INCHES] | | CHK J.OLSON | 06NOV02 | | |
| | | APVD J.OLSON | 06NOV02 | | |
| | | NAME | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU | |
| 0 PLC ± – 1 PLC ± – 2 PLC ± .005[0.13] 3 PLC ± – 4 PLC ± – ANGLES ± – | | 108–25022 | | | |
| MATERIAL | | 114–25018 | | SIZE | |
| 1 | | SEE TABLE | | CAGE CODE | |
| | | WEIGHT | | DRAWING NO | |
| | | CUSTOMER DRAWING | | RESTRICTED TO | |
| | | SCALE | | REV | |
| | | 1:1 | | K | |
| | | SHEET | | | |
| | | 2 OF 2 | | | |

1471–9 (1/15)

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