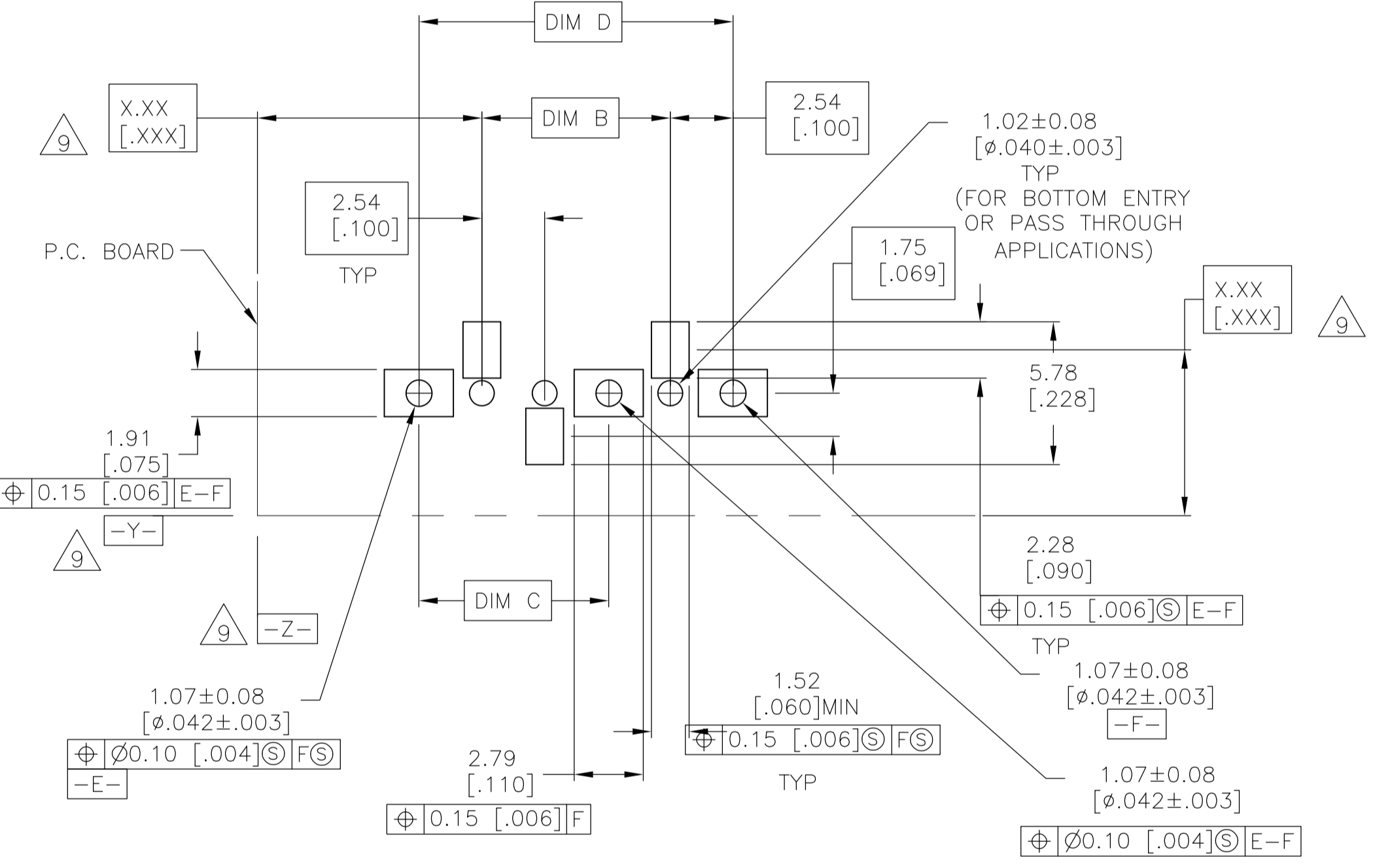


13 OBSOLETE
SUPERSEDED BY 8-147743-8
SUPERSEDED BY 8-147743-7
SUPERSEDED BY 8-147743-6



RECOMMENDED PC BOARD PAD PATTERN
0.20[.008] THICK STENCIL

13 OBSOLETE
SUPERSEDED BY 3-147743-8
SUPERSEDED BY 3-147743-7
SUPERSEDED BY 3-147743-6

| FINISH | EIA TAPE WIDTH | D | C | B | A | NO OF POSN | PART NUMBER |
|--------|----------------|------|----------------|---------------|----------------|----------------|-------------|
| | | 24mm | 7.62 [.300] | 2.54 [.100] | 10.16 [.400] | 2 | 8-147730-9 |
| | | N/A | 106.68 [4.200] | 53.34 [2.100] | 104.14 [4.100] | 109.22 [4.300] | 40 |
| | | | 104.14 [4.100] | 50.8 [2.000] | 101.6 [4.000] | 106.68 [4.200] | 39 |
| | | | 101.6 [4.000] | 50.8 [2.000] | 99.06 [3.900] | 104.14 [4.100] | 38 |
| | | | 99.06 [3.900] | 48.26 [1.900] | 96.52 [3.800] | 101.6 [4.000] | 37 |
| | | | 96.52 [3.800] | 48.26 [1.900] | 93.98 [3.700] | 99.06 [3.900] | 36 |
| | | | 93.98 [3.700] | 45.72 [1.800] | 91.44 [3.600] | 96.52 [3.800] | 35 |
| | | | 88.9 [3.500] | | 83.82 [3.300] | 91.44 [3.600] | 34 |
| | | | 86.36 [3.400] | | 81.28 [3.200] | 88.9 [3.500] | 33 |
| | | | 83.82 [3.300] | | 78.74 [3.100] | 86.36 [3.400] | 32 |
| | | | 81.28 [3.200] | | 76.2 [3.000] | 83.82 [3.300] | 31 |
| | | | 78.74 [3.100] | | 73.66 [2.900] | 81.28 [3.200] | 30 |
| | | | 76.2 [3.000] | | 71.12 [2.800] | 78.74 [3.100] | 29 |
| | | | 73.66 [2.900] | | 68.58 [2.700] | 76.2 [3.000] | 28 |
| | | | 71.12 [2.800] | | 66.04 [2.600] | 73.66 [2.900] | 27 |
| | | | 68.58 [2.700] | | 63.5 [2.500] | 71.12 [2.800] | 26 |
| | | | 66.04 [2.600] | | 60.96 [2.400] | 68.58 [2.700] | 25 |
| | | | 63.5 [2.500] | | 58.42 [2.300] | 66.04 [2.600] | 24 |
| | | | 60.96 [2.400] | | 55.88 [2.200] | 63.5 [2.500] | 23 |
| | | | 58.42 [2.300] | | 53.34 [2.100] | 60.96 [2.400] | 22 |
| | | | 55.88 [2.200] | | 50.8 [2.000] | 58.42 [2.300] | 21 |
| | | | 53.34 [2.100] | | 48.26 [1.900] | 55.88 [2.200] | 20 |
| | | | 50.8 [2.000] | | 45.72 [1.800] | 53.34 [2.100] | 19 |
| | | | 48.26 [1.900] | | 43.18 [1.700] | 50.8 [2.000] | 18 |
| | | | 45.72 [1.800] | | 40.64 [1.600] | 48.26 [1.900] | 17 |
| | | | 43.18 [1.700] | | 38.1 [1.500] | 45.72 [1.800] | 16 |
| | | | 40.64 [1.600] | | 35.56 [1.400] | 43.18 [1.700] | 15 |
| | | | 38.1 [1.500] | | 33.02 [1.300] | 40.64 [1.600] | 14 |
| | | | 35.56 [1.400] | | 30.48 [1.200] | 38.1 [1.500] | 13 |
| | | | 33.02 [1.300] | | 27.94 [1.100] | 35.56 [1.400] | 12 |
| | | | 30.48 [1.200] | | 25.4 [1.000] | 33.02 [1.300] | 11 |
| | | | 27.94 [1.100] | | 22.86 [.900] | 30.48 [1.200] | 10 |
| | | | 25.4 [1.000] | | 20.32 [.800] | 27.94 [1.100] | 9 |
| | | | 22.86 [.900] | | 17.78 [.700] | 25.4 [1.000] | 8 |
| | | | 20.32 [.800] | | 15.24 [.600] | 22.86 [.900] | 7 |
| | | | 17.78 [.700] | | 12.7 [.500] | 20.32 [.800] | 6 |
| | | | 15.24 [.600] | | 10.16 [.400] | 17.78 [.700] | 5 |
| | | | 12.7 [.500] | | 7.62 [.300] | 15.24 [.600] | 4 |
| | | | 10.16 [.400] | | 5.08 [.200] | 12.7 [.500] | 3 |
| | | 24mm | 7.62 [.300] | 2.54 [.100] | 10.16 [.400] | 2 | 3-147730-9 |
| | | N/A | 106.68 [4.200] | 53.34 [2.100] | 104.14 [4.100] | 109.22 [4.300] | 40 |
| | | | 104.14 [4.100] | 50.8 [2.000] | 101.6 [4.000] | 106.68 [4.200] | 39 |
| | | | 101.6 [4.000] | 50.8 [2.000] | 99.06 [3.900] | 104.14 [4.100] | 38 |
| | | | 99.06 [3.900] | 48.26 [1.900] | 96.52 [3.800] | 101.6 [4.000] | 37 |
| | | | 96.52 [3.800] | 48.26 [1.900] | 93.98 [3.700] | 99.06 [3.900] | 36 |
| | | | 93.98 [3.700] | 45.72 [1.800] | 91.44 [3.600] | 96.52 [3.800] | 35 |
| | | | 88.9 [3.500] | | 83.82 [3.300] | 91.44 [3.600] | 34 |
| | | | 86.36 [3.400] | | 81.28 [3.200] | 88.9 [3.500] | 33 |
| | | | 83.82 [3.300] | | 78.74 [3.100] | 86.36 [3.400] | 32 |
| | | | 81.28 [3.200] | | 76.2 [3.000] | 83.82 [3.300] | 31 |
| | | | 78.74 [3.100] | | 73.66 [2.900] | 81.28 [3.200] | 30 |
| | | | 76.2 [3.000] | | 71.12 [2.800] | 78.74 [3.100] | 29 |
| | | | 73.66 [2.900] | | 68.58 [2.700] | 76.2 [3.000] | 28 |
| | | | 71.12 [2.800] | | 66.04 [2.600] | 73.66 [2.900] | 27 |
| | | | 68.58 [2.700] | | 63.5 [2.500] | 71.12 [2.800] | 26 |
| | | | 66.04 [2.600] | | 60.96 [2.400] | 68.58 [2.700] | 25 |
| | | | 63.5 [2.500] | | 58.42 [2.300] | 66.04 [2.600] | 24 |
| | | | 60.96 [2.400] | | 55.88 [2.200] | 63.5 [2.500] | 23 |
| | | | 58.42 [2.300] | | 53.34 [2.100] | 60.96 [2.400] | 22 |
| | | | 55.88 [2.200] | | 50.8 [2.000] | 58.42 [2.300] | 21 |
| | | | 53.34 [2.100] | | 48.26 [1.900] | 55.88 [2.200] | 20 |
| | | | 50.8 [2.000] | | 45.72 [1.800] | 53.34 [2.100] | 19 |
| | | | 48.26 [1.900] | | 43.18 [1.700] | 50.8 [2.000] | 18 |
| | | | 45.72 [1.800] | | 40.64 [1.600] | 48.26 [1.900] | 17 |
| | | | 43.18 [1.700] | | 38.1 [1.500] | 45.72 [1.800] | 16 |
| | | | 40.64 [1.600] | | 35.56 [1.400] | 43.18 [1.700] | 15 |
| | | | 38.1 [1.500] | | 33.02 [1.300] | 40.64 [1.600] | 14 |
| | | | 35.56 [1.400] | | 30.48 [1.200] | 38.1 [1.500] | 13 |
| | | | 33.02 [1.300] | | 27.94 [1.100] | 35.56 [1.400] | 12 |
| | | | 30.48 [1.200] | | 25.4 [1.000] | 33.02 [1.300] | 11 |
| | | | 27.94 [1.100] | | 22.86 [.900] | 30.48 [1.200] | 10 |
| | | | 25.4 [1.000] | | 20.32 [.800] | 27.94 [1.100] | 9 |
| | | | 22.86 [.900] | | 17.78 [.700] | 25.4 [1.000] | 8 |
| | | | 20.32 [.800] | | 15.24 [.600] | 22.86 [.900] | 7 |
| | | | 17.78 [.700] | | 12.7 [.500] | 20.32 [.800] | 6 |
| | | | 15.24 [.600] | | 10.16 [.400] | 17.78 [.700] | 5 |
| | | | 12.7 [.500] | | 7.62 [.300] | 15.24 [.600] | 4 |
| | | | 10.16 [.400] | | 5.08 [.200] | 12.7 [.500] | 3 |
| | | 24mm | 7.62 [.300] | 2.54 [.100] | 10.16 [.400] | 2 | 3-147730-9 |
| | | N/A | 106.68 [4.200] | 53.34 [2.100] | 104.14 [4.100] | 109.22 [4.300] | 40 |
| | | | 104.14 [4.100] | 50.8 [2.000] | 101.6 [4.000] | 106.68 [4.200] | 39 |
| | | | 101.6 [4.000] | 50.8 [2.000] | 99.06 [3.900] | 104.14 [4.100] | 38 |
| | | | 99.06 [3.900] | 48.26 [1.900] | 96.52 [3.800] | 101.6 [4.000] | 37 |
| | | | 96.52 [3.800] | 48.26 [1.900] | 93.98 [3.700] | 99.06 [3.900] | 36 |
| | | | 93.98 [3.700] | 45.72 [1.800] | 91.44 [3.600] | 96.52 [3.800] | 35 |
| | | | 88.9 [3.500] | | 83.82 [3.300] | 91.44 [3.600] | 34 |
| | | | 86.36 [3.400] | | 81.28 [3.200] | 88.9 [3.500] | 33 |
| | | | 83.82 [3.300] | | 78.74 [3.100] | 86.36 [3.400] | 32 |
| | | | 81.28 [3.200] | | 76.2 [3.000] | 83.82 [3.300] | 31 |
| | | | 78.74 [3.100] | | 73.66 [2.900] | 81.28 [3.200] | 30 |
| | | | 76.2 [3.000] | | 71.12 [2.800] | 78.74 [3.100] | 29 |
| | | | 73.66 [2.900] | | 68.58 [2.700] | 76.2 [3.000] | 28 |
| | | | 71.12 [2.800] | | 66.04 [2.600] | 73.66 [2.900] | 27 |
| | | | 68.58 [2.700] | | 63.5 [2.500] | 71.12 [2.800] | 26 |
| | | | 66.04 [2.600] | | 60.96 [2.400] | 68.58 [2.700] | 25 |
| | | | 63.5 [2.500] | | 58.42 [2.300] | 66.04 [2.600] | 24 |
| | | | 60.96 [2.400] | | 55.88 [2.200] | 63.5 [2.500] | 23 |
| | | | 58.42 [2.300] | | 53.34 [2.100] | 60.96 [2.400] | 22 |
| | | | 55.88 [2.200] | | 50.8 [2.000] | 58.42 [2.300] | 21 |
| | | | 53.34 [2.100] | | 48.26 [1.900] | 55.88 [2.200] | 20 |
| | | | 50.8 [2.000] | | 45.72 [1.800] | 53.34 [2.100] | 19 |
| | | | 48.26 [1.900] | | 43.18 [1.700] | 50.8 [2.000] | 18 |
| | | | 45.72 [1.800] | | 40.64 [1.600] | 48.26 [1.900] | 17 |
| | | | 43.18 [1.700] | | 38.1 [1.500] | 45.72 [1.800] | 16 |
| | | | 40.64 [1.600] | | 35.56 [1.400] | 43.18 [1.700] | 15 |
| | | | 38.1 [1.500] | | 33.02 [1.300] | 40.64 [1.600] | 14 |
| | | | 35.56 [1.400] | | 30.48 [1.200] | 38.1 [1.500] | 13 |
| | | | 33.02 [1.300] | | 27.94 [1.100] | 35.56 [1.400] | 12 |
| | | | 30.48 [1.200] | | 25.4 [1.000] | 33.02 [1.300] | 11 |
| | | | 27.94 [1.100] | | 22.86 [.900] | 30.48 [1.200] | 10 |
| | | | 25.4 [1.000] | | 20.32 [.800] | 27.94 [1.100] | 9 |
| | | | 22.86 [.900] | | 17.78 [.700] | 25.4 [1.000] | 8 |
| | | | 20.32 [.800] | | 15.24 [.600] | 22.86 [.900] | 7 |
| | | | 17.78 [.700] | | 12.7 [.500] | 20.32 [.800] | 6 |
| | | | 15.24 [.600] | | 10.16 [.400] | 17.78 [.700] | 5 |
| | | | 12.7 [.500] | | 7.62 [.300] | 15.24 [.600] | 4 |
| | | | 10.16 [.400] | | 5.08 [.200] | 12.7 [.500] | 3 |

- 1 HOUSING: GLASS FILLED, FLAME RETARDANT POLYESTER, BLACK CONTACTS: PHOSPHOR BRONZE. VACUUM COVER: STAINLESS STEEL.
- 2 CONTACTS: DUPLEX PLATED: 0.25µm[.000010] GOLD IN CONTACT AREA 3.81-7.62µm[.000150-.000300] BRIGHT TIN-LEAD ON LEADS, 1.27µm[.000050] MIN NICKEL UNDERPLATE ALL OVER.
- 3 DIMENSION APPLIES TO HOUSING CAVITY CENTERLINES ONLY.
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 5 POINT OF CONTACT DIMENSION.
- 6 MARK PART NUMBER AND DATE CODE IN APPROXIMATE LOCATION SHOWN, EITHER SIDE.
- 7 TOLERANCE IS NON-CUMULATIVE.
- 8 5.2 [.205] MIN TARGET AREA FOR VACUUM PICK-UP COVERS TO BE REMOVED AFTER SOLDERING.
- 9 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 10 NO CENTER HOLD DOWNS
- 11 FOR 2 POS, DATE CODE IS STAMPED OPPOSITE SIDE OF TE LOGO.
- 12 TE LOGO AND CSA LOGO ARE MOLDED INTO HOUSING.
- 13 NO PART NUMBER MARKING REQUIRED ON THIS PART.
- 15 CONTACTS: DUPLEX PLATED: 0.25µm[.000010] GOLD IN CONTACT AREA 3.81-7.62µm[.000150-.000300] MATTE TIN ON LEADS, 1.27µm[.000050] MIN NICKEL UNDERPLATE ALL OVER.
- 16 ROHS 2002/95/EC COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-------------------------|--|--------------------|---|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APPROVED: J. OLSON | DATE: 19JAN01 |
| 0 PLC ± .005 | 1 PLC ± .005 | PRODUCT SPEC | NAME: RECPT. ASSY., MOD IV, SINGLE ROW, .100 CL, SURFACE MOUNT, VERTICAL, DUAL ENTRY CLOSED ENTRY |
| 2 PLC ± .005 | 3 PLC ± .005 | APPLICATION SPEC | SIZE: A1 |
| 4 PLC ± .005 | ANGLES ± .005 | 114-25018 | CAGE CODE: 00779 |
| MATERIAL: SEE TABLE | FINISH: SEE TABLE | WEIGHT: - | DRAWING NO: 147730 |
| | | CUSTOMER DRAWING | SCALE: 5:1 SHEET 1 OF 1 REV: H7 |

STE TE Connectivity