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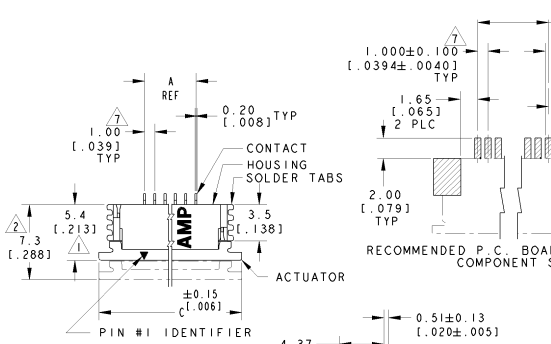
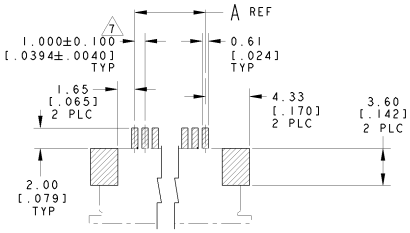
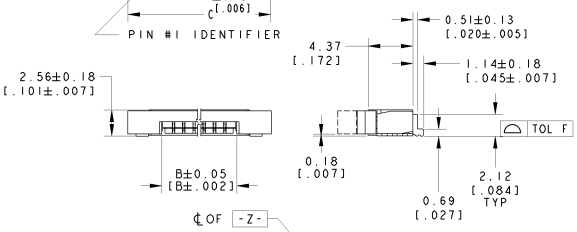
| LOC | DIST |
|---|---|
| DY | - |

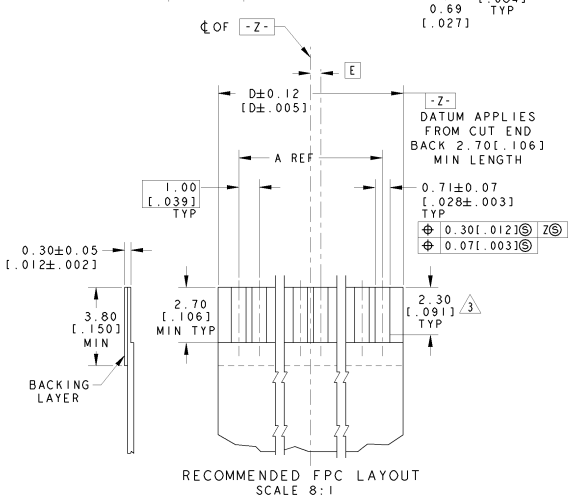
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A3 | REVISED ECR-09-025058 | 7MAY10 | LYM | LSF |




1. DIMENSION APPLIES WHEN ACTUATOR IS IN CLOSED POSITION.
2. DIMENSION APPLIES WHEN ACTUATOR IS IN OPEN POSITION.
3. MAXIMUM ENGAGEMENT LENGTH TO CONTACT POINT.
4. CONTACTS: 0.002[.00008] MIN. TIN OVER 0.00127[.000050] MIN. NICKEL.
5. SOLDER TABS: 0.00127[.000050] MIN. TIN.
6. PACKAGE PER EIA 481 SPECIFICATION.
7. TOLERANCE NON-CUMULATIVE.
8. MATERIAL: CONTACT: PHOSPHOR BRONZE.
   SOLDER TABS: PHOSPHOR BRONZE.
   HOUSING: GLASS REINFORCED POLYESTER (LCP), UL 94V-0, COLOR-NATURAL.
   ACTUATOR: GLASS REINFORCED NYLON (PPA), UL 94V-0 OR GLASS REINFORCED PPS, UL 94V-0, COLOR-BLACK.

| | | D | C | B | A | POS | PART NO |
|---|---|---|---|---|---|---|---|
| 0.10 [.004] | .50 | 31.00 [1.221] | 37.92 [1.492] | 31.18 [1.228] | 29.0 [1.142] | 30 | 3- 84952- 0 |
| | - | 30.00 [1.181] | 36.92 [1.454] | 30.18 [1.188] | 28.0 [1.102] | 29 | 2- 84952- 9 |
| | .50 | 29.00 [1.142] | 35.92 [1.414] | 29.18 [1.149] | 27.0 [1.063] | 28 | 2- 84952- 8 |
| | - | 28.00 [1.102] | 34.92 [1.375] | 28.18 [1.109] | 26.0 [1.024] | 27 | 2- 84952- 7 |
| | .50 | 27.00 [1.063] | 33.92 [1.335] | 27.18 [1.070] | 25.0 [.984] | 26 | 2- 84952- 6 |
| | - | 26.00 [1.024] | 32.92 [1.296] | 26.18 [1.031] | 24.0 [.945] | 25 | 2- 84952- 5 |
| | .50 | 25.00 [.984] | 31.92 [1.257] | 25.18 [.991] | 23.0 [.906] | 24 | 2- 84952- 4 |
| | - | 24.00 [.945] | 30.92 [1.217] | 24.18 [.952] | 22.0 [.866] | 23 | 2- 84952- 3 |
| | .50 | 23.00 [.906] | 29.92 [1.179] | 23.18 [.913] | 21.0 [.827] | 22 | 2- 84952- 2 |
| | - | 22.00 [.866] | 28.92 [1.139] | 22.18 [.873] | 20.0 [.787] | 21 | 2- 84952- 1 |
| | .50 | 21.00 [.827] | 27.92 [1.099] | 21.18 [.834] | 19.0 [.748] | 20 | 2- 84952- 0 |
| | - | 20.00 [.787] | 26.92 [1.060] | 20.18 [.794] | 18.0 [.709] | 19 | 1- 84952- 9 |
| | .50 | 19.00 [.748] | 25.92 [1.020] | 19.18 [.755] | 17.0 [.669] | 18 | 1- 84952- 8 |
| | - | 18.00 [.709] | 24.92 [.981] | 18.18 [.716] | 16.0 [.630] | 17 | 1- 84952- 7 |
| | .50 | 17.00 [.669] | 23.92 [.942] | 17.18 [.676] | 15.0 [.591] | 16 | 1- 84952- 6 |
| | - | 16.00 [.630] | 22.92 [.902] | 16.18 [.637] | 14.0 [.551] | 15 | 1- 84952- 5 |
| | .50 | 15.00 [.591] | 21.92 [.863] | 15.18 [.598] | 13.0 [.512] | 14 | 1- 84952- 4 |
| | - | 14.00 [.551] | 20.92 [.824] | 14.18 [.558] | 12.0 [.472] | 13 | 1- 84952- 3 |
| | .50 | 13.00 [.512] | 19.92 [.784] | 13.18 [.519] | 11.0 [.433] | 12 | 1- 84952- 2 |
| | - | 12.00 [.472] | 18.92 [.745] | 12.18 [.480] | 10.0 [.394] | 11 | 1- 84952- 1 |
| | .50 | 11.00 [.433] | 17.92 [.705] | 11.18 [.440] | 9.0 [.354] | 10 | 1- 84952- 0 |
| | - | 10.00 [.394] | 16.92 [.666] | 10.18 [.401] | 8.0 [.315] | 9 | 84952- 9 |
| | .50 | 9.00 [.354] | 15.92 [.627] | 9.18 [.361] | 7.0 [.276] | 8 | 84952- 8 |
| | - | 8.00 [.315] | 14.92 [.587] | 8.18 [.322] | 6.0 [.236] | 7 | 84952- 7 |
| | .50 | 7.00 [.276] | 13.92 [.548] | 7.18 [.283] | 5.0 [.197] | 6 | 84952- 6 |
| | - | 6.00 [.236] | 12.92 [.509] | 6.18 [.243] | 4.0 [.157] | 5 | 84952- 5 |
| | .50 | 5.00 [.197] | 11.92 [.469] | 5.18 [.204] | 3.0 [.118] | 4 | 84952- 4 |

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.2 [.008]
2 PLC ±0.1 [.004]
3 PLC ±
4 PLC ±
ANGLES ±
FINISH 4

MATERIAL 8

| | |
|---|---|
| DWN | 14MAY2003 WYLEE |
| CHK | LP TAN |
| APVD | SF LEONG |
| PRODUCT SPEC | 108-1393 |
| APPLICATION SPEC | 114-1072 |
| WEIGHT | - |

CUSTOMER DRAWING

Tyco Electronics Corporation
Singapore

NAME: 1mm FPC CONNECTOR, HORIZONTAL, SURFACE-MOUNT, BOTTOM CONTACT LEAD FREE VERSION

| SIZE | CAGE CODE | DRAWING NO | REV |
|---|---|---|---|
| A2 | 00779 | C-84952 | A3 |

SCALE 4:1 SHEET 1 OF 1

AMP 1471-9 REV 05MAY94

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