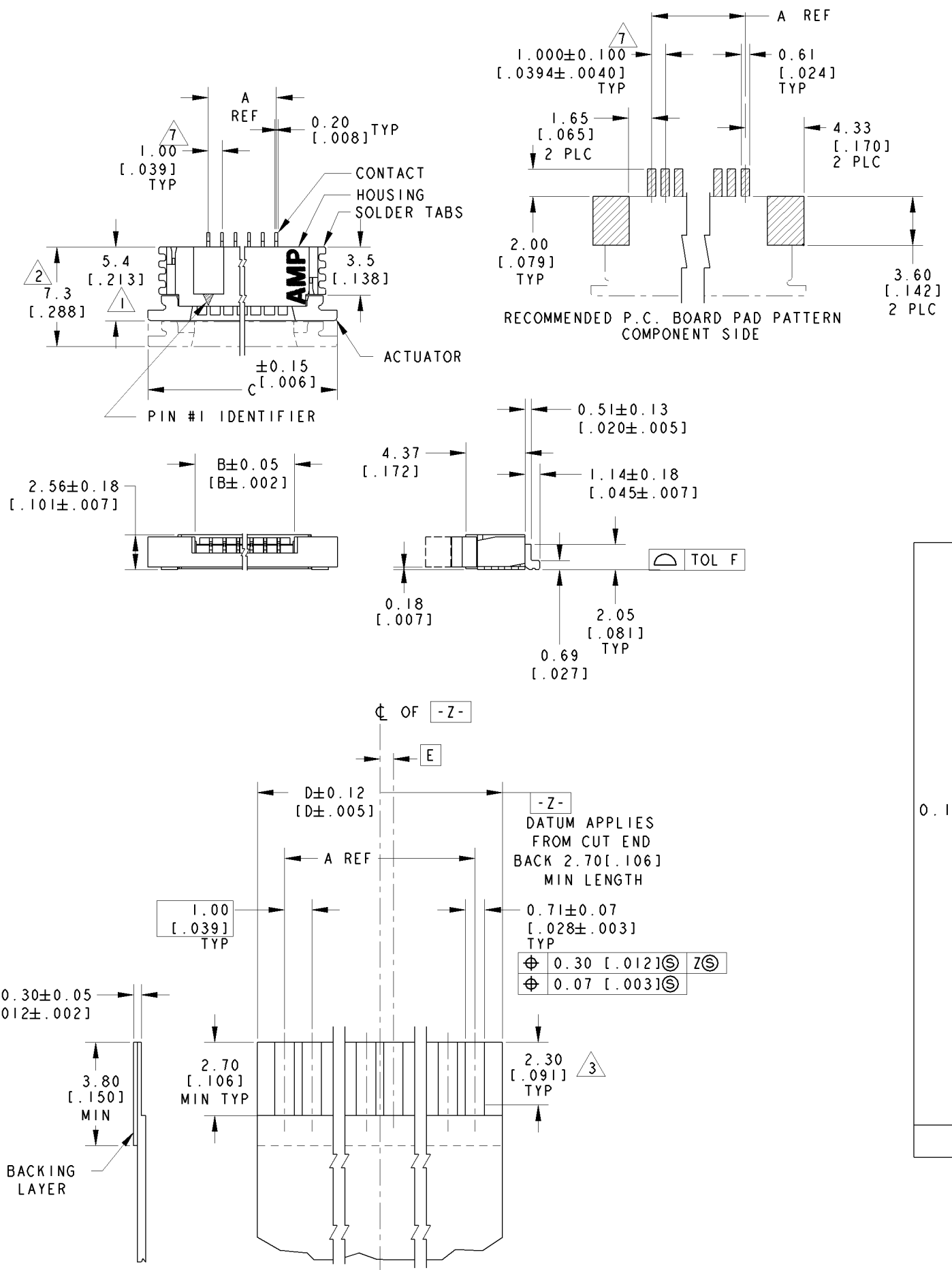


| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|---------------------------|---------|--------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| DY | - | A3 | REVISED PER ECO-11-005139 | 20APR11 | RK HMR |

D
C
B
A

D
C
B
A



- 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.

| | | | | | | | |
|---|-----|---------------|---------------|---------------|--------------|-----|-------------|
| | .50 | 31.00 [1.221] | 37.92 [1.492] | 31.18 [1.228] | 29.0 [1.142] | 30 | 3- 84953- 0 |
| | - | 30.00 [1.181] | 36.92 [1.454] | 30.18 [1.188] | 28.0 [1.102] | 29 | 2- 84953- 9 |
| | .50 | 29.00 [1.142] | 35.92 [1.414] | 29.18 [1.149] | 27.0 [1.063] | 28 | 2- 84953- 8 |
| | - | 28.00 [1.102] | 34.92 [1.375] | 28.18 [1.109] | 26.0 [1.024] | 27 | 2- 84953- 7 |
| | .50 | 27.00 [1.063] | 33.92 [1.335] | 27.18 [1.070] | 25.0 [1.984] | 26 | 2- 84953- 6 |
| | - | 26.00 [1.024] | 32.92 [1.296] | 26.18 [1.031] | 24.0 [1.945] | 25 | 2- 84953- 5 |
| | .50 | 25.00 [1.984] | 31.92 [1.257] | 25.18 [1.991] | 23.0 [1.906] | 24 | 2- 84953- 4 |
| | - | 24.00 [1.945] | 30.92 [1.217] | 24.18 [1.952] | 22.0 [1.866] | 23 | 2- 84953- 3 |
| | .50 | 23.00 [1.906] | 29.92 [1.179] | 23.18 [1.913] | 21.0 [1.827] | 22 | 2- 84953- 2 |
| | - | 22.00 [1.866] | 28.92 [1.139] | 22.18 [1.873] | 20.0 [1.787] | 21 | 2- 84953- 1 |
| | .50 | 21.00 [1.827] | 27.92 [1.099] | 21.18 [1.834] | 19.0 [1.748] | 20 | 2- 84953- 0 |
| | - | 20.00 [1.787] | 26.92 [1.060] | 20.18 [1.794] | 18.0 [1.709] | 19 | 1- 84953- 9 |
| | .50 | 19.00 [1.748] | 25.92 [1.020] | 19.18 [1.755] | 17.0 [1.669] | 18 | 1- 84953- 8 |
| | - | 18.00 [1.709] | 24.92 [1.981] | 18.18 [1.716] | 16.0 [1.630] | 17 | 1- 84953- 7 |
| | .50 | 17.00 [1.669] | 23.92 [1.942] | 17.18 [1.676] | 15.0 [1.591] | 16 | 1- 84953- 6 |
| | - | 16.00 [1.630] | 22.92 [1.902] | 16.18 [1.637] | 14.0 [1.551] | 15 | 1- 84953- 5 |
| | .50 | 15.00 [1.591] | 21.92 [1.863] | 15.18 [1.598] | 13.0 [1.512] | 14 | 1- 84953- 4 |
| | - | 14.00 [1.551] | 20.92 [1.824] | 14.18 [1.558] | 12.0 [1.472] | 13 | 1- 84953- 3 |
| | .50 | 13.00 [1.512] | 19.92 [1.784] | 13.18 [1.519] | 11.0 [1.433] | 12 | 1- 84953- 2 |
| | - | 12.00 [1.472] | 18.92 [1.745] | 12.18 [1.480] | 10.0 [1.394] | 11 | 1- 84953- 1 |
| | .50 | 11.00 [1.433] | 17.92 [1.705] | 11.18 [1.440] | 9.0 [1.354] | 10 | 1- 84953- 0 |
| | - | 10.00 [1.394] | 16.92 [1.666] | 10.18 [1.401] | 8.0 [1.315] | 9 | 84953- 9 |
| | .50 | 9.00 [1.354] | 15.92 [1.627] | 9.18 [1.361] | 7.0 [1.276] | 8 | 84953- 8 |
| | - | 8.00 [1.315] | 14.92 [1.587] | 8.18 [1.322] | 6.0 [1.236] | 7 | 84953- 7 |
| | .50 | 7.00 [1.276] | 13.92 [1.548] | 7.18 [1.283] | 5.0 [1.197] | 6 | 84953- 6 |
| | - | 6.00 [1.236] | 12.92 [1.509] | 6.18 [1.243] | 4.0 [1.157] | 5 | 84953- 5 |
| | .50 | 5.00 [1.197] | 11.92 [1.469] | 5.18 [1.204] | 3.0 [1.118] | 4 | 84953- 4 |
| F | E | D | C | B | A | POS | PART NO |

RECOMMENDED FPC LAYOUT
SCALE 8:1

| | | | | | | | |
|------------------------------|--|---|--|--|--|--|--|
| 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 | | DWN WYLEE 14MAY2003 CHK SF LEONG APVD SF LEONG PRODUCT SPEC 108-1393 APPLICATION SPEC 114-1072 WEIGHT - | | STE TE Connectivity NAME 1mm FPC CONNECTOR, HORIZONTAL, SURFACE-MOUNT, TOP CONTACT LEAD FREE VERSION SIZE A2 CAGE CODE 00779 DRAWING NO C=84953 | |
| MATERIAL ⑧ | | ④ ⑤ | | CUSTOMER DRAWING | | SCALE 4:1 SHEET 1 OF 1 REV A3 | |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-84953-7](#)