



RECOMMENDED PAD LAYOUT  
TOLERANCE ±.002 UNLESS OTHERWISE NOTED

**SPECIFICATIONS:**

**MATERIALS:**

CASE-PPS UL94V-0, BLACK  
COVER-PPS UL94V-0, BLACK  
ACTUATOR-LCP UL94V-0, WHITE  
FIXED CONTACT-COPPER ALLOY, GOLD OVER NICKEL PLATE  
MOVING CONTACT-COPPER ALLOY, GOLD OVER NICKEL PLATE  
TERMINAL-COPPER ALLOY, GOLD OVER NICKEL PLATE  
TAPE SEAL-POLYIMIDE FILM

**ELECTRICAL:**

CONTACT RATING: NON-SWITCHING: 100 MILLIAMPS @50 VDC  
SWITCHING: 25 MILLIAMPS @24 VDC  
INITIAL CONTACT RESISTANCE:100 MILLIOHMS MAX. @2 VDC. 10 mA.  
INSULATION RESISTANCE: 100 MEGOHMS MIN AT 100 VDC  
DIELECTRIC STRENGTH: 300 VAC, 1 MINUTE.  
LIFE EXPECTANCY: 1,000 CYCLES MIN.

**MECHANICAL:**

ACTUATION FORCE: 600g MAX.

**ENVIRONMENTAL:**

OPERATING TEMPERATURE: -30°C TO +85°C  
STORAGE TEMPERATURE: -45°C TO +100°C  
SOLDER HEAT RESISTANCE PER 109-201, CONDITION B SWITCH IN OFF POSITION  
SOLDERABILITY PER JIS C 0050 & JIS C 0053

- SUPPLIED WITH TAPE SEAL STANDARD
- SWITCH IS TO HAVE OVERALL HEIGHT AS SHOWN
- ITEM TO BE PACKAGED IN TUBES, QUANTITY PER TUBE=70
- SWITCH SHALL BE MARKED AS SHOWN
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- TAPE AND REEL PACKAGING PER EIA-481

|      |           |             |           |
|------|-----------|-------------|-----------|
| 2000 | T&R       | MGDH04STR04 | 1825140-2 |
| 70   | TUBE      | MGDH04S04   | 1825140-1 |
| QTY  | PACKAGING | T&B P/N     | TE P/N    |

|  |  |  |  |                     |  |                  |  |               |  |
|--|--|--|--|---------------------|--|------------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DIN S VISWESWARA                       |  | M.S.SARVER          |  | M.S.SARVER       |  | M.S.SARVER    |  |
| DIMENSIONS: mm [INCHES]                |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC        |  | APPLICATION SPEC |  | RESTRICTED TO |  |
| 0 PLC ± -                              |  | 1 PLC ± -                              |  | 2 PLC ± 0.25[0.010] |  | 3 PLC ± -        |  | SIZE          |  |
| 4 PLC ± -                              |  | ANGLES ± -                             |  | WEIGHT              |  | A1 00779         |  | DRAWING NO    |  |
| MATERIAL                               |  | FINISH                                 |  | CUSTOMER DRAWING    |  | SCALE 10:1       |  | SHEET 1 OF 1  |  |
|  |  |  |  |                     |  | 1825140          |  | REV 05        |  |

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