



**PCB LAYOUT  
(BOTTOM VIEW)**

**SPECIFICATION:**

1. CURRENT CARRYING CAPACITY :

- 1) AC : 100V 1A MAX.
- 2) DC : 12V 2A MAX.

2. CONTACT RESISTANCE : 50m OHM MAX.

3. INSULATION RESISTANCE : 50M OHM MIN. AT DC 250V

4. WITHSTANDING VOLTAGE : AC 250V 1 MINUTE

5. INSERTION FORCE : 1.0KG ~ 4.5 KG.  
WITHDRAWAL FORCE : 0.8KG ~ 3.0 KG

| ARRANGEMENT OF CONTACTS |             |             |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| NO OF CONTACTS          | 3           | 4           | 5           | 6           | 7           | 8           |
| MODEL NO                | MD3FSQ01K00 | MD4FSQ01K00 | MD5FSQ01K00 | MD6FSQ01K00 | MD7FSQ01K00 | MD8FSQ01K00 |
| HOLE LAYOUT             |             |             |             |             |             |             |

|                   |            |   |                    |          |         |
|-------------------|------------|---|--------------------|----------|---------|
| 4. CONTACT        | 3-8        | PER 0.2   | SILVER PLATED      |          |         |
| 3. EARTH TERMINAL | 1          | BSR 0.4   | Pb10%, Sn90%       |          |         |
| 2. COVER          | 1          | P.B.T.  | VALOX 420-S80      | UL94V-0  |         |
| 1. BODY           | 1          | P.B.T.  | VALOX 420-S80      | UL94V-0  |         |
| P/N               | PART NAME  | Q'TY  | MATERIAL           | PLATING  | REMARKS |
| VERSION           |            | APPROVAL BY   | CHECKED BY         | DRAWN BY | UNITS   |
| A2                |            |   | ling               | 30.12.04 | mm      |
| REVISION          | PROJECTION | PRODUCT   | DRAWING NO.        | SCALE    |         |
|                   |            | 3-8 PIN MINI DIN SOCKET, SNAP IN FIT, TERMINAL TYPE | MDC-003 TO MDC-008 | 5/1      |         |

