



P.C.B LAYOUT  
(BOTTOM VIEW)

**ELECTRICAL:**

CURRENT: 100VAC 1A MAX. / 12VDC 2A MAX.  
CONTACT RESISTANCE: 30mΩ Max.  
INSULATOR RESISTANCE: 100MΩ Min. AT 500VDC

**MATERIAL:**

INSULATOR: THERMOPLASTIC PBT (UL94V-0)  
CONTACT: COPPER ALLOY

**MECHANICAL:**

INSERTION FORCE: 4.0Kg Max.  
WITHDRAWAL FORCE: 0.9Kg Min.

**HOW TO ORDER:**

D 0 0 6 - 0 5 1 0 - 1 0 X - Z

**NUMBER OF CONTACTS:**  
08 CONTACTS

**TERMINAL TYPE:**  
1 - STRAIGHT

**RoHS COMPLIANT**

**SELECTIVE PLATING:**

0 - Au FLASH CONTACT AREA / MATTE TIN  
1 - 15u" Au CONTACT AREA / MATTE TIN  
2 - 30u" Au CONTACT AREA / MATTE TIN

| Rev  | Drawn | Checked | Approved. | Date     | <b>SMP TECHNOLOGY, INC.</b>                                      |       |
|--|-------|---------|-----------|----------|--|-------|
| 0  | GT    | S.M.    | S.M.      | 12/06/05 |  |       |
| A  | B.S.  | S.M.    | S.M.      | 02/05/09 |  |       |
|  |       |         |           |          | Mini Din Connector, 5 Position, Non-Shielded, Vertical PCB Mount |       |
| TOL. DEC. X. +/- 0.5 X.X +/- 0.3 X.XX +/- 0.15 ANGLE +/- 3° UNIT: mm |       |         |           |          | P/N: D006-0510-10X-Z   | Pg: 1 |