



**ELECTRICAL:**

CURRENT RATING: 20VDC 7.5A Max.  
 DIELECTRIC STRENGTH: 250V RMS 50Hz/60Hz 1 Minute  
 INSULATION RESISTANCE:

Before Any Test: 50MΩ Min. at 250VDC  
 After Environmental Test: 5MΩ Min. at 250VDC

CONTACT RESISTANCE:

Before Any Test: 30mΩ Max. at 20mA, 1KHz  
 After Performance life Test: 60mΩ Max. at 20mA, 1KHz

**MECHANICAL:**

INSERTION FORCE AND WITHDRAWAL FORCE: 0.5 - 6.0Kg.  
 PERFORMANCE TEST: Sockets Shall be Subject to 1,000 Cycles,  
 at the Rate of 10 to 20 Cycles per Minute

**MATERIAL:**

SHIELD: BSR-H, Pb10%, Sn90%  
 CONTACT TERMINAL: BSR-H, Pb10%, Sn90%  
 GROUND TERMINAL: BSR-H, Pb10%, Sn90%  
 COVER: PBT (UL94-V)  
 BODY: PBT (UL94-V)

PCB LAYOUT  
TOP VIEW

**HOW TO ORDER:**

D 0 4 0 - 0 4 0 0 - 0 0 0 - Z

# OF CONTACTS:  
04 - 4 Position

SHIELD OPTION:  
0 - NON SHIELDED

RoHS  
COMPLIANT

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	10/02/03
A	WHS	S.M.	S.M.	8/21/06
B	B.S.	S.M.	S.M.	11/05/09

**SMP TECHNOLOGY, INC.**

Power Mini Din, 4 Position, Non Shielded

TOL. DEC. .X +/- 0.2 .XX +/- .XXX +/- ANGLE +/- UNIT: mm

P/N: D040-0400-000-Z