



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 3 1 0 - 0 0 0 - Z

OF CONTACTS:
03 - 3 Position

SHIELD OPTION:
1 - 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, 3 Position, Shielded