



PCB LAYOUT
TOP VIEW

HOW TO ORDER:

D 0 4 0 - 0 3 0 0 - 0 0 0 - Z

OF CONTACTS:

03 - 3 Position
04 - 4 Position

SHIELD OPTION:

0 - NON SHIELDED
1 - SHIELDED

**RoHS
COMPLIANT**

ELECTRICAL:

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

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

CONTACT RESISTANCE:

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

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, Non-Shielded

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

P/N: D040-0300-000-Z