REV: Approved: Checked: Drawn: Date
0  Issued  S.M.  12/14/13

SMP TECHNOLOGY, INC.

TOL. DEC.  X +/- 0.20  XX +/- 0.10  XXX +/- 0.05  ANGLE +/-  UNIT: mm  P/N: U001-04GX-00X0-ZX  Pg: 1

ELECTRICAL:
CURRENT RATING: 1A
CONTACT RESISTANCE:
< 30m milli ohms
INSULATOR RESISTANCE:
> 1000 MOhms Min.
DIELECTRIC WITHSTANDING VOLTAGE:
750VAC for 1 Minute
OPERATING TEMPERATURE: -55° C to +85° C

MATERIAL:
INSULATOR: Thermoplastic UL94V-0
CONTACTS: Copper Alloy
SHELL PLATING: Nickel
CONTACT PLATING: Specified Gold thickness over 50u" Nickel in contact area;
100u" Tin over 50u" Nickel in solder tail area (Selective Plating)
or full Gold thickness overall over 50u" Nickel (Plating Overall)

HOW TO ORDER:
U 0 0 1 0 4 G
NUMBER OF CONTACTS:
04 - 4 PIN SINGLE PORT
INSULATOR COLOR:
0 - BLACK
1 - WHITE

Section A-A

RECOMMENDED PCB LAYOUT

SELECTIVE CONTACT PLATING:
1 - Gold Flash
2 - 15u" Gold
3 - 30u" Gold

PLATING OVERALL:
0 - FULL Au FLASH
5 - 10u" Au
6 - 15u" Au
7 - 30u" Au

RoHS COMPLIANT
PACKAGING:
Blank - Tray
1 - Tape & Reel

Right Angle, Short Body, Surface Mount, 10.00mm; 2 Boarlocks