

RECOMMENDED PCB LAYOUT  
(TOP VIEW)

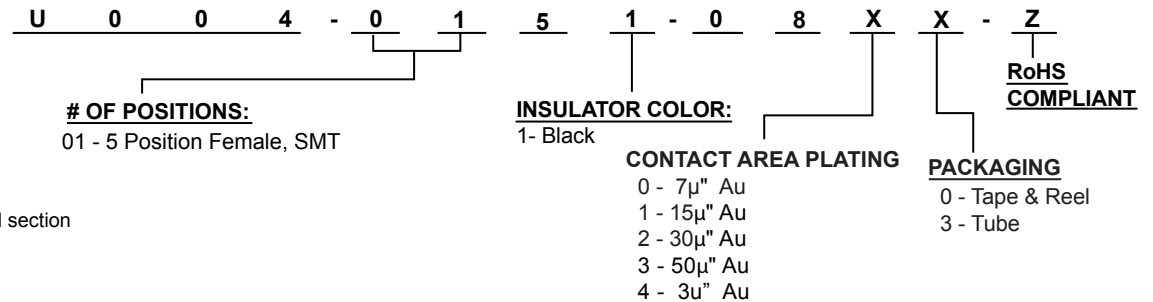
**ELECTRICAL:**

VOLTAGE RATING: 30 VDC  
 CURRENT RATING: 1.0 AMP Pins 2,3,4; 3.0 AMP Pins 1 & 5  
 DIELECTRIC STRENGTH: 300 VAC  
 INSULATION RESISTANCE: 100 MΩ Min.  
 CONTACT RESISTANCE: 50 mΩ Max.

**MATERIALS:**

HOUSING: High Temperature Thermoplastic, UL94-VO; LCP  
 COLOR: Black  
 CONTACTS: Copper Alloy; Selective Gold Plating in Contact Area; Tin Plating on Tail section  
 Over 50u" Nickel  
 SHELL: Stainless Steel ; Nickel Plated  
 TEMPERATURE RANGE: -30°C to +80°C

**HOW TO ORDER:**



Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	01/21/14

**SMP TECHNOLOGY, INC.**

Micro USB Type B , 5 Position, Female , Horizontal Surface Mount,  
 PC Tail w/ (4)Thru Hole Shell Mounting Pegs

SCALE: N/A

Tolerance : Dimension    .X +/- 0.30    .XX +/- 0.20    .XXX +/- 0.10

SERIES: U004-0155-08XX-Z Pg: 1