



RECOMMENDED PCB LAYOUT (t=1.60±0.15)

**ELECTRICAL:**

CURRENT RATING: 0.5 AMP min.  
 DIELECTRIC STRENGTH: 500 VAC. min.  
 INSULATION RESISTANCE: unmated 100m ohms min.  
 mated 10m ohm min.  
 CONTACT RESISTANCE: Contact 30m ohms max.  
 Shell 50m ohms max.

**MATERIALS:**

HOUSING: High Temperature Thermoplastic UL94-VO  
 SHIELD: Copper Alloy  
 PLATING: Tin Plating Over Nickel  
 CONTACTS: Copper Alloy  
 PLATING: Gold Plating Over Nickel on Contact Area;  
 Au Flash Plating on PCB Terminal.

**HOW TO ORDER:**

1 0 0 9 - 1 1 2 0 - 0 0 0 X - Z

# OF POSITIONS: 1 - 19 Position  
 SHELL STYLE: 2 - WITH FLANGE  
 RoHS COMPLIANT

**CONTACT AREA:**  
 1 - 5µ INCHES Au PLATING  
 2 - 15µ INCHES Au PLATING  
 3 - 30µ INCHES Au PLATING

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	04/09/08

**SMP TECHNOLOGY, INC.**

High Definition Multimedia Interface (HDMI) Receptacle,  
 Surface Mount, 19 Position w/ Panel Flange

Tolerance : Dimension +/- 0.30 mm  
 Angle +/-5°

SERIES: I009-1120-000X-Z