



RECOMMENDED PCB LAYOUT

ELECTRICAL:

VOLTAGE RATING: 40 VDC
 CURRENT RATING: 0.5 AMP min.
 DIELECTRIC STRENGTH: 500 VAC. min.
 INSULATION RESISTANCE: 100 Mohm Min
 CONTACT RESISTANCE: 30m ohms max.

MATERIALS:

HOUSING: High Temperature Thermoplastic UL94-VO
 SHELL: Copper Alloy
 SHELL PLATING: Nickel Plating 100u" Min.
 CONTACTS: Copper Alloy
 PLATING: Gold Plating Over 50u" Nickel Subplate on Contact Area;
 Matte Tin 100u" Min over 50u" Nickel on Contact Tail

MECHANICAL:

DURABILITY: 10000 Cycles
 INSERTION FORCE :44.1 N Max.
 EXTRACTION FORCE : 9.8~44.1 N

HOW TO ORDER:

I 0 0 9 - 1 A 1 0 - 0 0 1 X - Z
 # OF POSITIONS: 1 - 19 Position
 SHELL STYLE: 1 - STANDARD
 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.	04/09/12

SMP TECHNOLOGY, INC.

High Definition Multimedia Interface (HDMI) Receptacle,
 Surface Mount, 19 Position

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

SERIES: I009-1A10-001X-Z