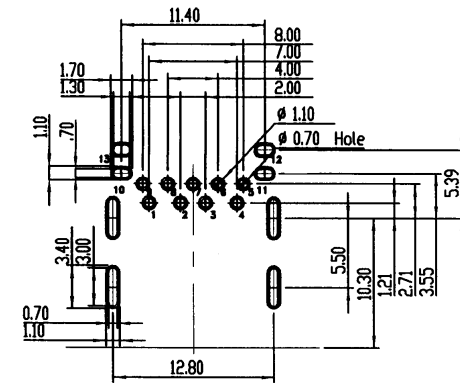


Isometric View



Recommended P.C. Board Layout

ELECTRICAL:

CURRENT RATING: 5 Amps (Max)
 Applied to V bus pin and corresponding ground pin;
 .25 Amp (Min) For All Remaining Contacts
 CONTACT RESISTANCE:
 30 milliohm Max (initial) for V bus and
 ground contacts. 50 milliohms all other contacts.
 INSULATION RESISTANCE:
 100 Megaohm min @ 100VDC
 DIELECTRIC WITHSTANDING VOLTAGE:
 100 VAC for 1 Minute
 OPERATING TEMPERATURE: -25° C to +105° C

MATERIAL:

INSULATOR: Thermoplastic UL94V-0
 Blue (Pantone 300C)
 CONTACTS: Copper Alloy
 CONTACT PLATING: 30u" Pd - Ni+2u" Gold Over 80u" Nickel;
 Solder Tails : 100-200u" Matte Tin
 SHELL: Copper Alloy
 SHELL PLATING: SPCC Nickel
 PACKAGING: Tape & Reel

HOW TO ORDER:

U 3 1 1 - P 9 1 2 - 1 0 4 0 - Z

P - Power Delivery
 0 - Non Power Delivery
INSULATOR COLOR:
 2 - Blue (Pantone 300C)
NUMBER OF LOCKS:
 0 - Standard 2 Locks
 (Top, Bottom, Sides)
OFFSET:
 0 - None
RoHS COMPLIANT

NUMBER OF CONTACTS:
 09 - 9 Pin Female
ORIENTATION:
 1 - Right Angle Thru Hole
SHELL STYLE:
 1 - Shielded, 8.01mm Height
 with 4 Thru Hole Shell Tabs
SELECTIVE PLATING:
 1 - Gold Flash
 2 - 15u" Au
 3 - 30u" Au
 4 - 30u" Pd - Ni+ Au Flash

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	06/14/18

SMP TECHNOLOGY, INC.

USB 3.1 Type A Receptacle, 4.15 Center Height with Power Delivery