HOW TO ORDER:

U 3 1 - P 9 2 - 10 0

Rev Approved Checked Drawn Date

0 Issued S.M.S.M.B.S. 06/14/18

NUMBER OF CONTACTS:
09 - 9 Pin Female

P - Power Delivery
0 - Non Power Delivery

INSULATOR COLOR:
2 - Blue (Pantone 300C)

NUMBER OF LOCKS:
0 - Standard 2 Locks
(Top, Bottom, Sides)

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

OFFSET:
0 - None

RoHS COMPLIANT

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

SMP TECHNOLOGY, INC.

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

ENTERIC 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

TOL. DEC. X +/- 0.30 XX +/- 0.20 ANGLE +/- 5° UNIT: mm

SERIES: U311-P912-1040-Z

Pg: 1