ELECTRICAL:
CURRENT RATING: 1A
CONTACT RESISTANCE: < 30 Milliohm Max
INSULATION RESISTANCE: > 1000 Mgeaohm Min
DIELECTRIC WITHSTANDING VOLTAGE: 500V (rms) AC for 1 Minute
OPERATING TEMPERATURE: -25° C to +85° C

MATERIAL:
INSULATOR: Thermoplastic 30% Glass Filled, UL94V0 Blue (Pantone 300C)
CONTACTS: Phosphor Bronze
CONTACT PLATING: Selective Gold Plating over Nickel on Contact Area, Tin Plating on Terminal
SHELL: Copper Alloy
SHELL PLATING: Nickel

HOW TO ORDER:
NUMBER OF POSITIONS: 09-09 Positions (USB 3.0)
INSULATOR COLOR: 2 - Blue (Pantone 300C)
TYPE 0 - Type A (Closed Back Right Angle Thru Hole Only)
SELECTIVE CONTACT PLATING 1 - No Spring Tabs
ORIENTATION 0 - Right Angle Thru Hole

Recommended PCB Layout

Connector Front Edge

SMP TECHNOLOGY, INC.
USB 3.0 Connector, A Type, Female, 9 Position, Blue Insulator
SERIES: U002-0902-10X-Z

Pg: 1