Material
Housing Material: High temperature thermoplastic. UL94V-0, Black
Contact Terminal: Copper Alloy
Matallic Shell: Stainless Steel
Inner Ground Cover Shell: Stainless Steel
Plating
Data Contact
Underplating: 50µ Inch, Nickel
Contact Plating: Gold Flash
Solderability: 50µ Inch, Tin
Shell
Metallic Shell: 50µ Inch, Nickel
Electrical
Voltage Rating: 20V DC
Current Rating: Vbus pins collectively 3.00A, GND pins collectively 4.25A, B5 pin 1.25A, Other pins 0.25A per pin
Contact Resistance: 40mΩ Max Initial 50mΩ Max after test
Insulation resistance: 100 MΩ min.
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Durability: 1,000 cycles
Mating Force: 5 to 20N
Unmating Force: 6 to 20N after test
Environmental and Processing
Operating Temperature: -40°C to +85°C