

SERIES J.STWX8 RF COAXIAL CONNECTORS



Series J.STWX8 push-pull self-latching style RF coaxial connector is developed for use in military radar. It convenient in insertion and withdrawal, reliable in connection and vibration resistance.

Key performance

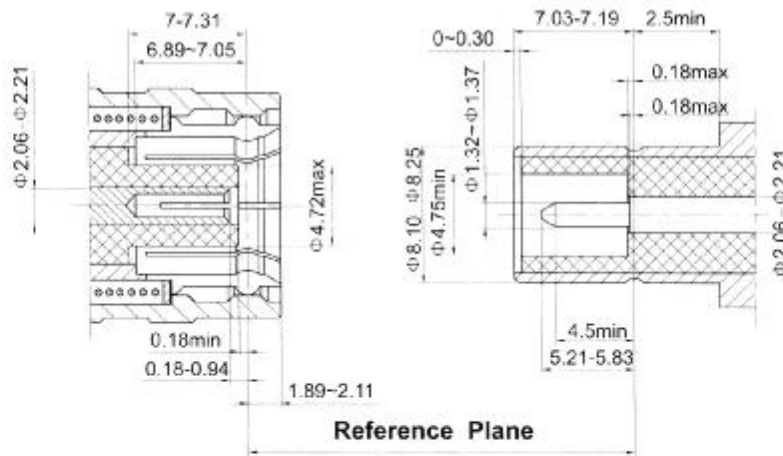
Characteristic Impedance : 50 Ω
 Frequency range : 0~4GHz
 Contact resistance :
 Center conductor $\leq 1.5m\Omega$
 Out conductor $\leq 1.0m\Omega$
 Insulation resistance : $\geq 5000M\Omega$
 Insulator voltage withstanding : 1500V
 VSWR : ≤ 1.30
 Connector durability :500 cycles

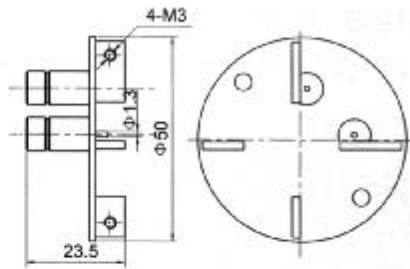
Applicable spec/std : J.FD/Q2003-01

Material

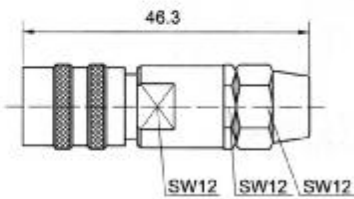
Center contacts:
 Male—brass, gold plated.
 Female—beryllium copper, gold plated
 Bodies other metal parts:
 brass, gold plated
 Insulators: Teflon
 Crimp ferrule: copper, nickel plated.
 Gasket and seal rings: silicone rubber
 Heat-shrink tubing: thermofit plastic.

Interface Dimensions





Type	part number	Note
J.STWX8-JFD	2711-1901	body nickel plated



Type	part number	suitable cable	Note
J.STWX8-K501	2721-6701	501	body nickel plated front covering, stainless steel