SMB-LOCK

CHARACTERISTICS

TEST / CHARACTERISTICS	VALUES / REMARKS

ELECTRICAL CHARACTERISTICS

Impedance		50Ω	
Operating Frequency		DC to 4 GHz	
Tyical V.S.W.R. **• Straight Models** **• Right Angle Models**	**.085"** **Ø 2.6/50** **.085"** **Ø 2.6/50**	2 GHz 1.15 1.20 1.05 1.15	4 GHz 1.20 1.25 1.15 1.25
RF Insertion Loss **• Straight Models** **• Right Angle Models**	**.085"** **Ø 2.6/50** **.085"** **Ø 2.6/50**	0.20√F (GHz) 0.25√F (GHz) 0.25√F (GHz) 0.50√F (GHz)	
Testing Voltage (V RMS)	**.085"** **Ø 2.6/50**	750 1000	
Working Voltage (V RMS)	**.085"** **Ø 2.6/50**	335 335	
Insulation Resistance (MΩ)		1000	

MECHANICAL CHARACTERISTICS

Life		500 Matings min
Cable Retention Force	**.085"** **Ø 2.6/50** **Ø 5/50/S**	220 N 110 N 110 N
Coupling Nut Retention Force		50 N min
Vibrations		MIL STD 202 F Method 240D, Condition B

ENVIRONMENTAL CHARACTERISTICS

Temperature Range	-35 °C / + 125 °C

MATERIALS AND PLATING

	Material	Plating
Bodies	Brass	BBR
Center Contact	Beryllium Copper	Gold
Outer Contact	Bronze	-
Insulator	PTFE	-
Coupling Nut	POM (Halogen Free)	-

Notes
Standard packaging: 100 pieces (For unit packaging, add "W" after the P/N).