SMA 2.9 Self-Lock

CHARACTERISTICS

TEST / CHARACTERISTICS	VALUES / REMARKS
ELECTRICAL CHARACTERISTICS	
Impedance	50Ω
Frequency Range	DC - 46 GHz
V.S.W.R.	< 1.05 + 0.005 F (GHz)
Insertion Loss (Typ) dB	0.03 √ F (GHz) dB
RF Leakage (Min) dB	-90 dB max
Insulation Resistance	≥ 5 GΩ
Contact Resistance	CC : ≤ 7 MΩ OC : ≤ 3 MΩ
MECHANICAL CHARACTERISTICS	
Durability	500 Cycles
Force to Engage and Disengage	6.5 N Max
Cable Retention Force	.141: 270 N
ENVIRONMENTAL CHARACTERISTICS	
Temperature Range	-65 °C to +165 °C
Thermal Cycling	MIL STD 202 Method 107 Condition B
Vibration	MIL STD 202 Method 214A Cond D 20G
Shock	MIL STD 202 Method 213 Cond I, 100g
Moisture Resistance	MIL STD 202 Method 106
Corrosion	MIL STD 202 Method 101 Cond B, 5%