



All Dimensions in mm (inches) Tolerance  $\pm 0.15(0.006)$

Parameter	Min.	Typ.	Max.	Units
Frequency Range	3.1	3.3	3.5	GHz
Insertion Loss	@25		0.6	dB
	@-45 & 85		0.8	dB
Pass Band Ripple			0.5	dB
VSWR			1.4	: 1
Rejection	@ 2000 MHz	45		dB
	@ 2700 MHz	15		dB
	@ 3900 MHz	10		dB
	@ DC~2000 MHz	45		dB
	@ 4500~6000 MHz	25		dB
	@ 6000~10000 MHz			
Power Average			2	W
Operating Temperature	-45		+85	
Impedance		50		Ohms
Weight		20		g
Input / Output Connectors	SMA-Female			
Material	Aluminum			
Finishing	Gray Paint			

Environmental Specifications	
Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
(Optional)	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions