Technical Specification

Item	Technical Specification
Center Frequency(f0)(MHz)	9920
1dB Band Width(BW)(MHz)	160 min
Insertion Loss(dB)	2.0
Rejection(dB @ MHz)	40 @ 9580
	40 @ 10300
Impedance(Ohms)	50
Pass Band Phase Linearity(°)	+/-2 over 80MHz
VSWR	1.5
Operating Temperature(°C)	-40 ~ +85
Shock	10G's,1/2 Sine,11ms
Vibration	5G's,10Hz~2000Hz
Relative Humidity	95%
Net Weight(Kg)	0. 05 Around

Test Results

Temperature	f0(MHz)	Insertion Loss@f0(dB)	1dB BW	3dB BW	VSWR	Phase Linearity(°)
-40°C	9920.24	-1.31	180.22	206.05	1.41	+/-2
+85°C	9925.17	-1.42	179.43	205.44	1.42	+/-2
+25°C	9922.15	-1.38	179.95	205.50	1.42	+/-2

Temperature	Attenuation(dB)									
	9.8G	10.06G	9.76G	10.1G	9.62G	10.24G	9.58G	10.3G	9.44G	10.42G
-40°C	-12.0	-17.1	-27.2	-30.2	-56.2	-57.2	-61.9	-64.1	-77.7	-74.3
+85°C	-10.0	-19.5	-24.4	-33.1	-54.4	-59.3	-60.0	-66.7	-76.1	-76.4
+25°C	-11.0	-18.4	-25.6	-31.8	-55.4	-58.0	-61.0	-65.5	-76.9	-75.7