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YIG Tuned Bandpass Filter (L-Band) Model : 23Yf062

Freq. Range	(GHz)	0.6 to 2
No. of stages		3
Insertion Loss	(dB)	7 (max.)
3dB Band Width	(MHz)	10 (min.)
Passband Ripple	(dB)	2 (max.)
Passband Spurious	(dB)	2 (max.)
Selectivity	(dB/Octave)	18
Off-Resonance Isolation	(dB)	80 (min.)
Off-Resonance Spurious	(dB)	50 (max.)
V.S.W.R.		2:1 (max.)
Tuning Sensitivity	(MHz/mA)	17 (typ.)
Limiting Level	(dBm)	+5 (min.)
Linearity	(MHz)	+/- 3 (max.)
Hysteresis	(MHz)	4 (max.)
Temperature Drift	(MHz)	5 (max.)
Coil Resistance	(Ohm)	5.5 (typ.)
Heater Voltage	(Vdc)	20 to 30
Heater Current-Surge,max@ 25deg	(A)	1.1
Steady State@25deg	(mA)	105
Operation Temp. Range	(°C)	-5 to +70
Storage Temp. Range	(°C)	-25 to +85

Filter Characteristics@0.6Ghz
 (Span 100MHz)



Filter Characteristics@0.6Ghz
 (Span 500MHz)

