

5. Electrical Characteristics

表 2

No.	Item (项目)	Specifications (特性)	Post Environmental Tolerance (环境试验后允许附加误差)
5.1	Center frequency 中心频率(f_0)	942.50MHz	± 2 MHz
5.2	Insertion loss 插入损耗	≤ 3.0 dB (at $25 \pm 5^\circ\text{C}$)	± 0.5 dB
		≤ 3.5 dB (at $-40^\circ\text{C} \sim +85^\circ\text{C}$)	
5.3	Band width 通带宽度	$f_0 \pm 17.5$ MHz	± 0.5 MHz
5.4	Ripple (in BW) 通带波动	≤ 1.0 dB	± 0.5 dB
5.5	V.S.W.R. (in BW) 驻波比	≤ 2.0	± 0.5
5.6	Attenuation (Absolute value) 阻带衰减 (绝对值)	≥ 30 dB ($f_0 + 75$ MHz) ≥ 25 dB ($f_0 - 75$ MHz)	± 2 dB
5.7	Permissible Input power (Max) 允许最大输入功率	1 Watt	---
5.8	In/output impedance 输入/输出阻抗	50 Ω	---

6. 特性曲线

Characteristic curve

