

ST-39.5GB5GA00

Cavity Band Pass Filter

Specifications

S/N	Item	Parameters
1	Center Frequency(F0)	39.5GHz
2	Pass Band Frequency	37 ~ 42GHz
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.55dB
5	Pass Band Return Loss	≥18dB (Typical: ≥20dB)
6	Stop Band Rejection	≥80dB @ DC ~ 35.45GHz ≥47dB @ 43 ~ 43.8GHz ≥52dB @ 35.45 ~ 36GHz ≥80dB @ 43.8 ~ 70GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	2.4mm(Q)-Female
10	Surface Finish	Black Painted
11	Temperature Range	-30°C ~ +70°C
12	Dimensions	50*14*7mm
13	Configuration	As below (Tolerance: ±0.3mm)

