

ST-47GB6GA48

Cavity Band Pass Filter

Specifications

S/N	Item	Parameters
1	Center Frequency(F0)	47GHz
2	Pass Band Frequency	44 ~ 50GHz
3	Pass Band Insertion Loss	≤1.8dB
4	Pass Band Ripple	≤0.65dB
5	Pass Band Return Loss	≥18dB (Typical: ≥20dB)
6	Stop Band Rejection	≥80dB @ DC ~ 42.3GHz ≥40dB @ 51 ~ 52.2GHz ≥47dB @ 42.3 ~ 43GHz ≥80dB @ 52.2 ~ 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)

