

ST-42.5GB15GA95

Cavity Band Pass Filter

Specifications

S/N	Item	Parameters
1	Center Frequency (F0)	42.5GHz
2	Pass Band Frequency	35 ~ 50GHz
3	Pass Band Insertion Loss	≤1.2dB
4	Pass Band Ripple	≤0.52dB
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)
6	Stop Band Rejection	≥80dB @ DC ~ 32.9GHz ≥35dB @ 32.9 ~ 34GHz ≥20dB @ 51 ~ 52GHz ≥50dB @ 52 ~ 53.6GHz ≥80dB @ 53.6 ~ 62GHz
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	60*14*7.5mm
13	Configuration	As below (Tolerance: ±0.3mm)

