

## ST-1030A3540

### Cavity Band Pass Filter

### Preliminary Specifications

Serial	Parameters	
1	Center Frequency (F0)	1030MHz
2	Bandwidth	$\pm 4.0\text{MHz}$ (1026~1034MHz)
3	Pass Bands Insertion Loss	$\leq 0.4\text{dB}$
4	Pass Bands Return Loss	$\geq 20\text{dB}$
5	Stop Band Rejection	$\geq 30\text{dB}$ @ 1200~4120MHz
6	Impedance	50 ohms
7	Power Handling	Average: $\leq 35\text{W}$ / Peak: $\leq 350\text{W}$ (pulse width: 50us, duty cycle: 10%)
8	Connectors	SMA-Female
9	Surface Finish	Black Paint
10	Net Weight	TBD
11	Configuration	As Below (Size Unit: mm)

