

## ST-A2641-02

### Cavity Dual Band Pass Filter

### Preliminary Specifications

Serial	Parameters	CH1	CH2
1	Center Frequency (F0)	1777.5MHz	1872.5MHz
2	Pass Band Frequency	1770~1785MHz	1865~1880MHz
3	Pass Band Insertion Loss	$\leq 1.5\text{dB}$ @ 1770~1785MHz	$\leq 3.0\text{dB}$ @ 1865~1867.5MHz $\leq 1.5\text{dB}$ @ 1867.5~1880MHz
4	Pass Band VSWR	$\leq 1.5:1$	$\leq 1.5:1$
5	Stop Band Rejection	$\geq 40\text{dB}$ @ 1805~1850MHz $\geq 25\text{dB}$ @ 1850~1860MHz	
6	Impedance	50 ohms	
7	Power	$\leq 20\text{W}$	
8	Surface Finish	Black Paint	
9	Connectors	N-Female	
10	Operating Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
11	Net Weight	TBD	
12	Configuration	As Below (Size Unit: mm)	

