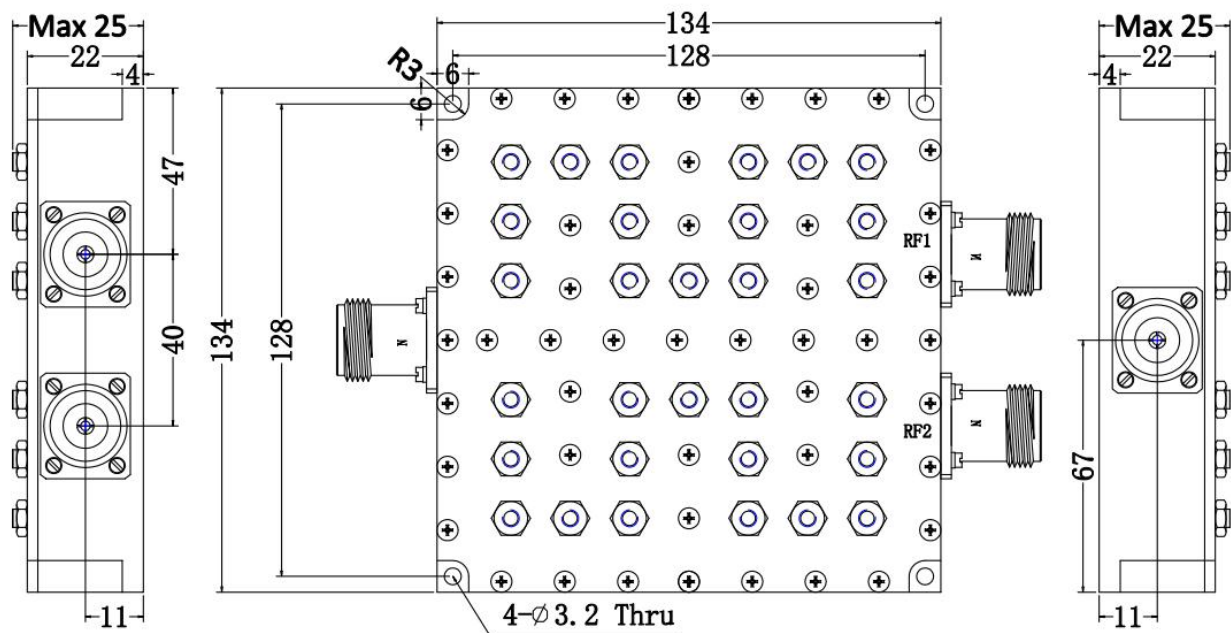


5-Path Band-pass Filter

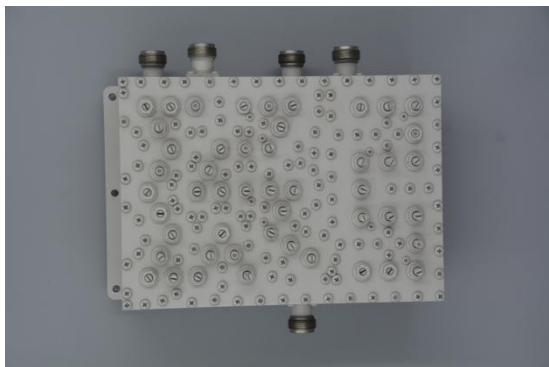
825-880 MHz 889-960 & 1710-1880 MHz
 1920-2170 MHz 2300-2400 MHz

Physical Dimensions ($\pm 0.3\text{mm}$)



RF Parameter				
Frequency range (MHz)	Band1 :825-880	Band2: 889-960 & Band3:1710-1880	Band4:1920-2170	Band5:2300-2400
Insertion loss (dB)	$\leq 1.8\text{dB}$		$\leq 0.8\text{dB}$	
Pass Band Ripple (dB)	$\leq 1.5\text{dB}$		$\leq 0.5\text{dB}$	
Rejection (dB)	Isolation between: Band1,2,3 $\geq 60\text{dB}$, others: $\geq 80\text{dB}$.			
Power Handling(W)	1000W Peak , 300W (Avg)			
VSWR	≤ 1.4		RF Connectors	N-K ^[1]
Impedance	50 Ω		Operating Temperature ($^{\circ}\text{C}$)	-25~55 $^{\circ}\text{C}$
Other	$\geq 20\text{dBc}$ (43dBm*2) IM3 ; $\geq 140\text{dBc}$ (43dBm*2) IM5;			

*^[1]Default is SMA female connectors. Consult factory for other connector options. LEAD-FREE/RoHS COMPLIANT



Telecommunication



Satellite Teleport



Military/Security



Radar



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