

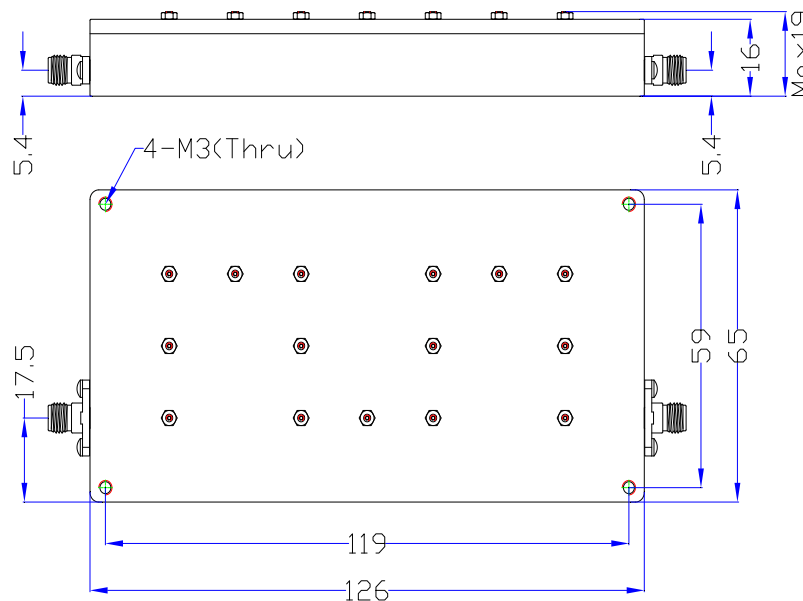
HXLBQ-DTAXXX

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters (Note: Each frequency is an independent product)			
1	Model	HXLBQ-DTA813	HXLBQ-DTA812	HXLBQ-DTA811	HXLBQ-DTA810
2	Center Frequency(F0)	4900MHz	4800MHz	4700MHz	4600MHz
3	Pass Band Frequency	4884 ~ 4916MHz **	4784 ~ 4816MHz **	4684 ~ 4716MHz **	4584 ~ 4616MHz **
4	Pass Band Insertion Loss	≤1.5dB	≤1.5dB	≤1.5dB	≤1.5dB
5	Pass Band Ripple	≤0.5dB	≤0.5dB	≤0.5dB	≤0.5dB
6	Pass Band Return Loss	≥23dB	≥23dB	≥23dB	≥23dB
7	Stop Band Rejection	≥50dB@ DC ~ 4838MHz ≥35dB@4838 ~ 4850MHz ≥35dB@4950 ~ 4962MHz ≥50dB@4962~10000MHz	≥50dB@ DC ~ 4738MHz ≥35dB@ 4738 ~ 4750MHz ≥35dB@ 4850 ~ 4862MHz ≥50dB@4862~ 10000MHz	≥50dB@ DC ~ 4638MHz ≥35dB@ 4638 ~ 4650MHz ≥35dB@ 4750 ~ 4762MHz ≥50dB@4762~ 10000MHz	≥50dB@ DC ~ 4538MHz ≥35dB@ 4538 ~ 4550MHz ≥35dB@ 4650 ~ 4662MHz ≥50dB@4662~ 10000MHz
8	Impedance	50 Ohms			
9	Power	10W Max.			
10	Connectors	SMA-Female			
11	Surface Finish	Painted Black			
12	Material	Housing: 6061 Aluminum alloy		Connectors: Stainless Steel	
		Cover: LY12 Aluminum alloy		Other screw: Stainless Steel	
		Tuning screw: H62 Copper alloy			
13	Dimensions	126*65*16mm			
14	Net weight	TBD			

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.