

- **Model: HXLBQ-DTAXXX**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: Selectable**

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item		Parameters			
●	Model	HXLBQ-DTA813	HXLBQ-DTA812	HXLBQ-DTA811	HXLBQ-DTA810
●	Center Frequency(F0)	4900MHz	4800MHz	4700MHz	4600MHz
●	Pass Band Frequency	4884 ~ 4916MHz **	4784 ~ 4816MHz **	4684 ~ 4716MHz **	4584 ~ 4616MHz **
●	Pass Band Insertion Loss	≤1.5dB	≤1.5dB	≤1.5dB	≤1.5dB
●	Pass Band Ripple	≤0.5dB	≤0.5dB	≤0.5dB	≤0.5dB
●	Pass Band Return Loss	≥23dB	≥23dB	≥23dB	≥23dB
●	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
●	Impedance	50 Ohms			
●	Power	10W Max.			
●	Connectors	SMA-Female			
●	Surface Finish	Painted Black			
●	Material	Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy			
●	Dimensions	126*65*16mm			
●	Net weight	TBD			

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

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)
