

- **Model: HXLBQ-DTA822X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3900~4200MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	4050MHz	
● 3.0dB Bandwidth	300MHz (3900 ~ 4200MHz) [Deviation: ±20MHz @ Temperature Range: +20°C ~ +30°C]	
● Insertion Loss @ F0	≤1.0dB @ 4050MHz	
● Return Loss	≥23dB @ 3950 ~ 4150MHz	
● Stop Band Rejection	≥80dB @ DC ~ 3700MHz	≥80dB @ 4400 ~ 12000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	90*17*13mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

