

- **Model:** HXLBQ-DTA825X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9700~10700MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	10200MHz	
● 3.0dB Bandwidth	1000MHz (9700 ~ 10700MHz) [Deviation: ±50MHz @ Temperature Range: +20°C ~ +30°C]	
● Insertion Loss @ F0	≤1.0dB @ 10200MHz	
● Return Loss	≥23dB @ 9800 ~ 10600MHz	
● Stop Band Rejection	≥80dB @ DC ~ 9000MHz	≥55dB @ 11100 ~ 11400MHz
	≥55dB @ 9000 ~ 9300MHz	≥80dB @ 11400 ~ 22000MHz
● 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	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	80*16*9mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

