

- **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
● Net weight	TBD

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

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 80*16*12mm

