

- **Model:** HXLBQ-DTA470
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2200 ~ 2400MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2300MHz	
● 3.0dB Bandwidth	About: 200MHz (2200 ~ 2400MHz)	
● Insertion Loss @ F0	≤0.8dB @ 2300MHz	
● VSWR	≤1.22:1 @ 160MHz Bandwidth (2220 ~ 2380MHz)	
● Stop Band Rejection	≥70dB @ DC ~ 2075MHz	≥70dB @ 2525 ~ 7000MHz
● Impedance	50 Ohms	
● Power	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy
	Cover: LY12 Aluminum alloy	Connectors: Stainless Steel
	Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
● Dimensions	120*22*24mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

