- **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℃ ~ +70℃
● Dimensions	120*22*24mm
● Net weight	TBD

Note：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: ±0.3mm)

●Material	●Housing: 6061 Aluminum alloy	●Connectors: Stainless Steel
	●Cover: LY12 Aluminum alloy	●Other screw: Stainless Steel
	●Tuning screw: H62 Copper alloy	●Resonant column: H59 Copper alloy

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