- **Model：HXLBQ-DTA824X**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：8500~9500MHz**

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

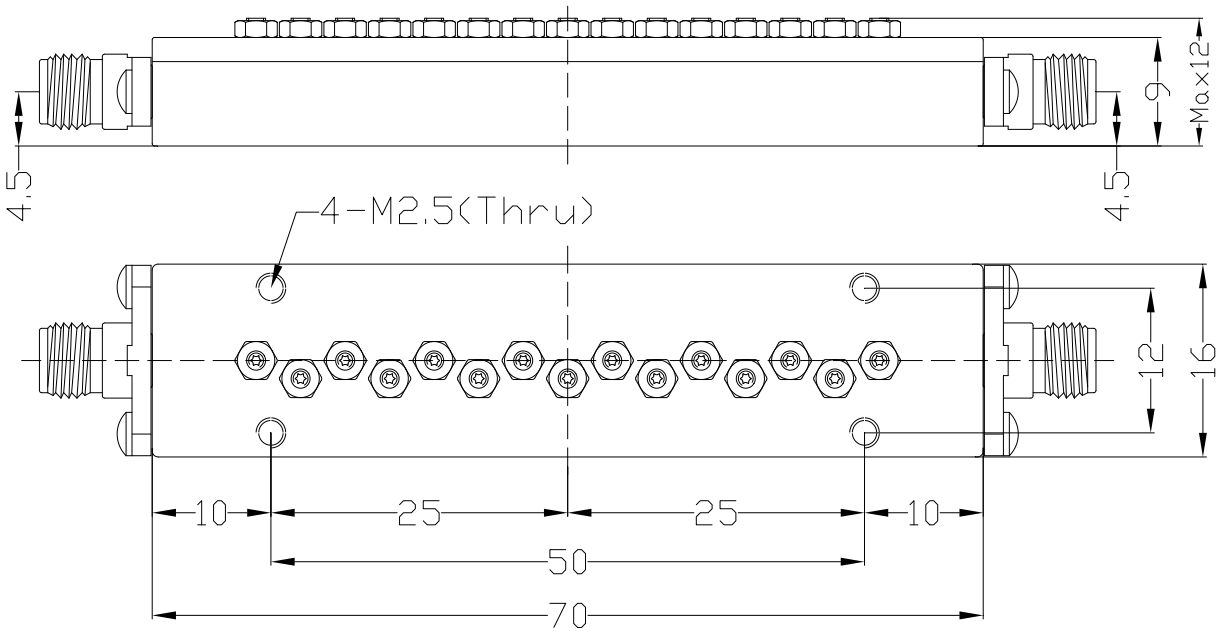
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	9000MHz	
● 3.0dB Bandwidth	1000MHz (8500 ~ 9500MHz) [Deviation: ±50MHz @ Temperature Range: +20°C ~ +30°C]	
● Insertion Loss @ F0	≤1.0dB @ 9000MHz	
● Return Loss	≥23dB @ 8650 ~ 9350MHz	
● Stop Band Rejection	≥80dB @ DC ~ 7500MHz ≥40dB @ 7500 ~ 8200MHz	≥40dB @ 9800 ~ 10500MHz ≥80dB @ 10500 ~ 22000MHz ≥40dB @ 22000 ~ 24000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.07 KG	

●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: 70*16*12mm



Tel:+86-029-85450833 FAX:+86-029-85450833 E-mail:sales_hxwb@163.com E-mail: sales@xahxmicrowave.com
http://www.xahxmicrowave.com http://www.hx-microwave.com Add:Yanta District, Xi'an, China