- **Model：HXLBQ-DTA711**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：9450~9910MHz**

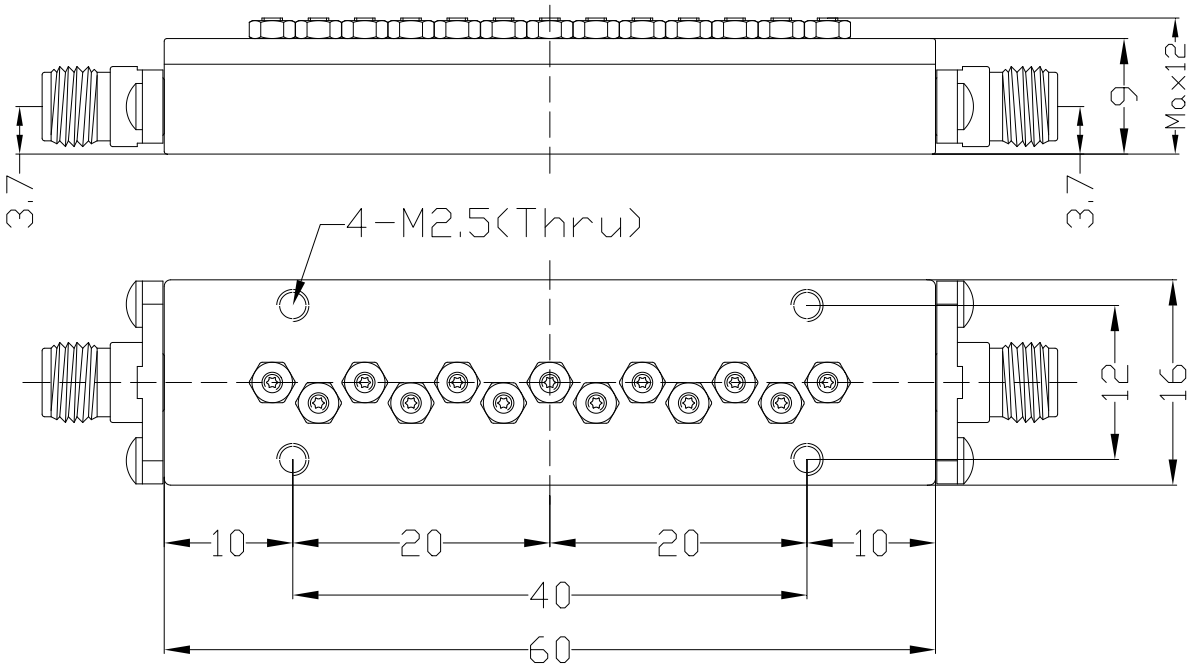
★High Stop Band Rejection
★Low Pass Band Insertion Loss
★Customizable Design
★High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	9680MHz	
● 3.0dB Bandwidth	460MHz (9450 ~ 9910MHz) [Deviation: ±30MHz @ Temperature Range: +20℃ ~ +30℃]	
● Insertion Loss @ F0	≤1.0dB @ 9680MHz	
● Return Loss	≥23dB @ 9555 ~ 9805MHz	
● Stop Band Rejection	≥80dB @ DC ~ 8680MHz ≥50dB @ 8680 ~ 9100MHz	≥50dB @ 10260 ~ 10680MHz ≥80dB @ 10680 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	0.06 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: 60*16*12mm



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