- **Model：HXLBQ-DTA833X**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：3170~3330MHz**

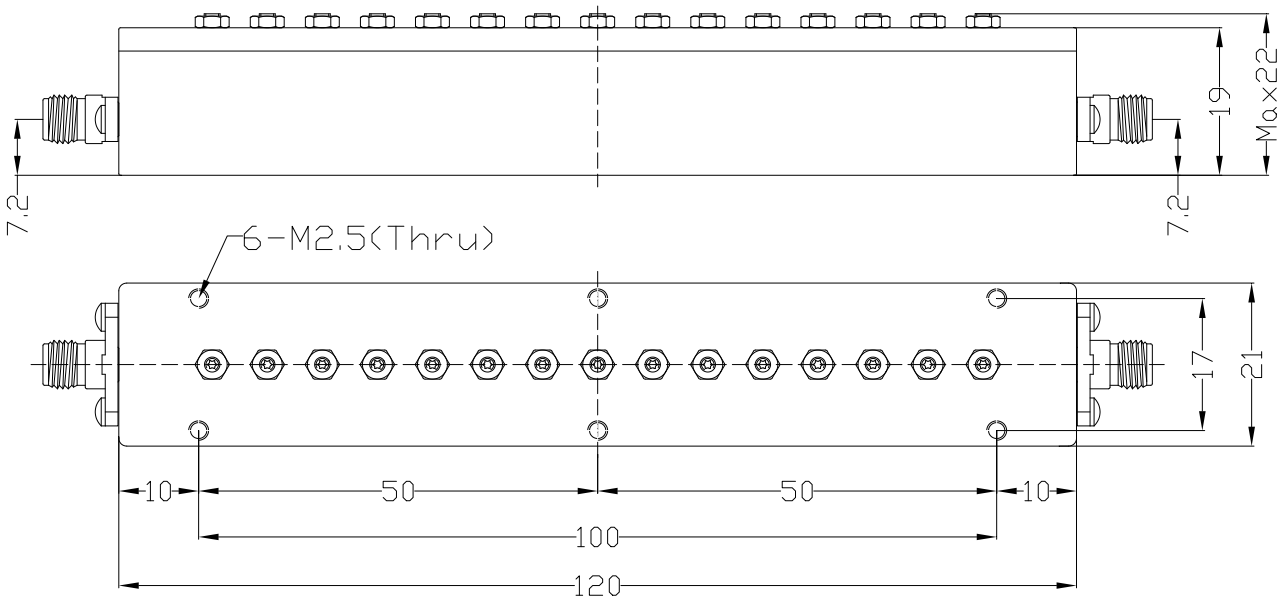
★High Stop Band Rejection
★Low Pass Band Insertion Loss
★Customizable Design
★High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3250MHz	
● 3.0dB Bandwidth	160MHz (3170 ~ 3330MHz) [Deviation: ±20MHz @ Temperature Range: +20℃ ~ +30℃]	
● Insertion Loss @ F0	≤1.2dB @ 3250MHz	
● Return Loss	≥23dB @ 3200 ~ 3300MHz	
● Stop Band Rejection	≥80dB @ DC ~ 3000MHz ≥45dB @ 3000 ~ 3100MHz	≥45dB @ 3400 ~ 3500MHz ≥80dB @ 3500 ~ 7000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	TBD	

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

◆Material	●Housing: 6061 Aluminum alloy ●Cover: LY12 Aluminum alloy ●Tuning screw: H62 Copper alloy	●Connectors: Stainless Steel ●Working Environment: Indoor ●Dimensions: 120*21*22mm



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