

- **Model:** HXLBQ-DTA635
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12618 ~ 12668MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	12643MHz	
● Pass Band Frequency	12618 ~ 12668MHz	
● Pass Band Insertion Loss	≤1.9dB	
● Pass Band Ripple	≤0.16dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 12188MHz	≥50dB @ 12868 ~ 13098MHz
	≥50dB @ 12188 ~ 12418MHz	≥80dB @ 13098 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	50*16*8.5mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

