

- **Model:** HXLBQ-DTA288X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1250~1350MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1300MHz	
● Pass Band Bandwidth	±50MHz (1250 ~ 1350MHz)	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥30dB @ DC ~ 1230MHz	≥30dB @ 1370 ~ 3500MHz
● Impedance	50 Ohms	
● Power	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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: ±0.5mm)		
● Material	● Housing: 6061 Aluminum alloy	● Connectors: H59 Copper, Plated ternary alloy
	● Cover: LY12 Aluminum alloy	● Other screw: Stainless Steel
	● Tuning screw: H62 Copper alloy	● Dimensions: 212*50*25mm

