

- **Model:** HXLBQ-DTA1143
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1555~1620MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1587.5MHz	
● Pass Band Frequency	1555 ~ 1620MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥50dB @ DC ~ 1400MHz	≥50dB @ 1775 ~ 5000MHz
● Impedance	50 Ohms	
● Power Handling	50W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	110*26*25mm	
● Net weight	TBD	

** 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: ±0.3mm)

