

- **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
● 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: ±0.3mm)
- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 110*26*28mm

