

- **Model:** HXLBQ-DTA180
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 980~1020MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1000MHz	
● Pass Band Bandwidth	40MHz (980 ~ 1020MHz)	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥45dB @ Fc±30MHz (DC ~ 950MHz , 1050 ~ 2500MHz)	
● Impedance	50 Ohms	
● Power Handling	20W 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: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	169*50*30mm	
● Net weight	0.34KG	

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

