

- **Model: HXLBQ-DTA877**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1745~1785MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1765MHz
● Pass Band Frequency	1745 ~ 1785MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥60dB @ DC ~ 1715MHz ≥60dB @ 1815 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Male / N-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)
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| <ul style="list-style-type: none"> ◆ Material ● Housing: 6061 Aluminum alloy ● Cover: LY12 Aluminum alloy ● Tuning screw: H62 Copper alloy | <ul style="list-style-type: none"> ● Connectors: H59 Copper, Plated ternary alloy ● Working Environment: Indoor ● Dimensions: 120*62*38mm |
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