

- **Model: HXLBQ-DTA294**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1700~1780MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1740MHz
● Pass Band Frequency	1700 ~ 1780MHz
● Pass Band Insertion Loss	≤1.8dB
● Pass Band Ripple	≤1.2dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥40dB @ DC ~ 1690MHz ≥40dB @ 1790 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	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)

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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 ● Other screw: Stainless Steel ● Dimensions: 150*63*39mm |
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