

- **Model:** HXLBQ-DTA286
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1275~1325MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1300MHz
● Pass Band Bandwidth	±25MHz (1275 ~ 1325MHz)
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.8dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥30dB @ DC ~ 1260MHz ≥30dB @ 1340 ~ 3500MHz
● Impedance	50 Ohms
● Power	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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| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 179*43*25mm |

