

- **Model:** HXLBQ-DTA1175
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 2700~4500MHz

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

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	3600MHz
● Pass Band Frequency	2700 ~ 4500MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.65dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥80dB @ DC ~ 2150MHz      ≥80dB @ 4770 ~ 10000MHz ≥50dB @ 2150 ~ 2400MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	160*27*19mm
● 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)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy |                                |

