

- **Model:** HXLBQ-DTA1186
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 3775~3795MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	3785MHz
● 3dB Bandwidth	20MHz (3775 ~ 3795MHz) [Deviation: ±2.0MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.5dB @ 3785MHz
● Return Loss @ F0	≥18dB @ 3785MHz
● Stop Band Rejection	≥55dB @ DC ~ 3650MHz ≥55dB @ 3920 ~ 8000MHz
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Dimensions	110*38*17mm
● Net weight	TBD

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

