

- **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: $\pm 2.0\text{MHz}$ @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]
● Insertion Loss @ F0	$\leq 1.5\text{dB}$ @ 3785MHz
● Return Loss @ F0	$\geq 18\text{dB}$ @ 3785MHz
● Stop Band Rejection	$\geq 55\text{dB}$ @ DC ~ 3650MHz $\geq 55\text{dB}$ @ 3920 ~ 8000MHz
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	$+15^{\circ}\text{C} \sim +30^{\circ}\text{C}$
● Dimensions	110*38*17mm
● Net weight	TBD
● Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)	
● Material	● Housing: H62 Copper alloy
	● Cover: H62 Copper alloy
	● Tuning screw: H62 Copper alloy
	● Connectors: Stainless Steel ● Other screw: Stainless Steel

