

- **Model:** HXLBQ-DTA215
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 37~42GHz

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

Technical Data Sheet	
Item	Parameters
• Center Frequency (F0)	39.5GHz
• Pass Band Frequency	37~42GHz
• Pass Band Insertion Loss	$\leq 1.8\text{dB}$
• Pass Band VSWR	$\leq 1.5:1$
• Stop Band Rejection	$\geq 60\text{dB @ DC} \sim 35.4\text{GHz}$ $\geq 55\text{dB @ } 43.6 \sim 50\text{GHz}$
• Impedance	50 ohms
• Power Handling	$\leq 5\text{W}$
• Connectors	Input: 2.92mm(K)-Male Output: 2.92mm(K)- Female
• Surface Finish	Black Paint
• Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
• Net Weight	0.05 KG
• Configuration	As Below (Size Unit: mm)
● Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)	

