

1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Bandpass Filter

Part No: CBF02700M02900A01

Date: May.07th.2026

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Pass Band	2700-2900MHz	
Insertion Loss	$\leq 1.4\text{dB}$	
Ripple	$\leq 0.6\text{dB}$	
Return Loss	$\geq 23\text{dB}$	
Rejection	$\geq 80\text{dB@DC-2430MHz}$ & $\geq 40\text{dB@2430-2580MHz}$ $\geq 45\text{dB@3020-3170MHz}$ & $\geq 80\text{dB@3170-11000MHz}$	
Average Power	$\leq 20\text{W}$	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	136.0 x 24.0 x 14.0 mm (Not including the tuning screws and connectors)	
Connector Type	SMA-Female	
Surface Finish	Black Painting	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-30 to +70 °C	
Storage Temperature	-55 to +85 °C	



CONCEPT



6. Test Curve



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