Engineering Development Model

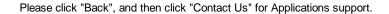
Bandpass Filter

BFCN-ED13661/5

SMT

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.





CASE STYLE: FV1206-4

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C								
Parameters		F#	Frequency (MHz)	Min.	Тур.	Max.	Units	
Pass Band	Center Frequency				7350		MHz	
	Insertion Loss	F1-F2	7100-7550		1.8	3.5	dB	
	VSWR	F1-F2	7150-7550		1.3		:1	
Stop Band, Lower	Insertion Loss	DC-F5	DC-6325	14	17		dB	
		F5-F3	6325-6500		25		dB	
	VSWR	DC-F3	DC-6500		30		:1	
Stop Band, Upper	Insertion Loss	F4-F6	8500-8700		15		dB	
		F6-F7	8700-14000	12	15		dB	
	VSWR	F4-F7	8500-14000		30		:1	

MAXIMUM RATINGS					
Operating Temperature	-55°C to 100°C				
Storage Temperature	-55°C to 100°C				
RF Power Input*	2W max. @ 25°C				

^{*}Passband rating, derate linearly to 0.5W at 100°C ambient

PIN CONNECTIONS				
RF IN	1			
RF OUT	3			
GROUND	2,4			

Functional Schematic