Engineering Development Model

Bandpass Filter

BFCN-ED13661/8

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.

Please click "Back", and then click "Contact Us" for Applications support.

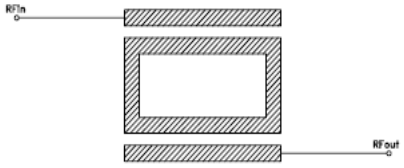
CASE STYLE : FV1206-4

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C							
Parameters		**F#**	**Frequency (MHz)**	**Min.**	**Typ.**	**Max.**	**Units**
Pass Band	Center Frequency				7900		MHz
	Insertion Loss	F1-F2	7800-8100		1.6	3.5	dB
	VSWR	F1-F2	7800-8100		1.4		:1
Stop Band, Lower	Insertion Loss	DC-F5	DC-6600	15	20		dB
		F5-F3	6600-6800		20		dB
	VSWR	DC-F3	DC-6800		30		:1
Stop Band, Upper	Insertion Loss	F4-F6	9300-9600		20		dB
		F6-F7	9600-15000	15	20		dB
	VSWR	F4-F7	9300-15000		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

Functional Schematic



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