

# Engineering Development Model

## Band Pass Filter

## BPF-EDU2047

### Surface Mount

#### 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.



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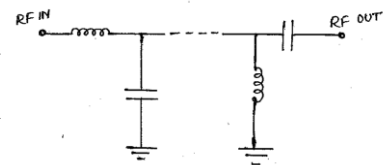
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#### ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 7 dB)	185		265	MHz
Centre frequency		225		MHz
Low Band (Loss > 20 dB)	DC	150		MHz
High Band (Loss > 20 dB)		300	4000	MHz
Passband VSWR		1.8		(:1)
Stopband VSWR		20		(:1)

#### Functional Schematic

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.1 W



#### PIN CONNECTIONS

Input	1
Output	8
Ground	2-7,9-14



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IF/RF MICROWAVE COMPONENTS

REV. X1  
BPF-EDU2047  
URJ  
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