

# Engineering Development Model

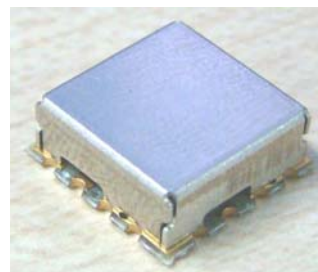
## Band Pass Filter

## BPF-EDU1145

### 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.



CASE STYLE : CK1113

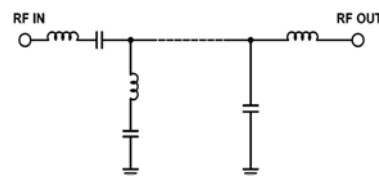
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#### ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 3 dB)	410		470	MHz
Center frequency		440		MHz
Low Band (Loss > 40 dB)	DC		100	MHz
Low Band (Loss > 25 dB)	100		340	MHz
High Band (Loss > 25 dB)	540		600	MHz
High Band (Loss > 40 dB)	600		1500	MHz
Passband VSWR		1.4	2	(: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	+27dBm



#### PIN CONNECTIONS

Input	2
Output	10
Not Connected	14
Case Ground	1,3,4,5,6,7,8,9,11,12,13,15,16



REV. X1  
BPF-EDU1145  
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