Engineering Development Model

Band Pass Filter BPF-EDU1475+

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.

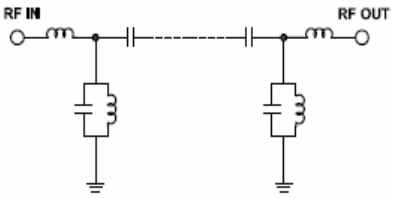
Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : HQ1157

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 5.0 dB)	267		283	MHz
Centre frequency		275		MHz
Low Band (Loss > 40 dB)	DC		242	MHz
Low Band (Loss > 20 dB)	242		252	MHz
High Band (Loss > 20 dB)	300		314	MHz
High Band (Loss > 40 dB)	314		2000	MHz
High Band (Loss 40 dB typ)	2000		4000	MHz
Passband VSWR		1.3	1.9	(: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	0.5W

PIN CONNECTIONS

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