

Engineering Development Model

Band Pass Filter

RBP-EDU0710

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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GP731

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Passband (Loss < 4.5dB)	370		470	MHz
Center Frequency		420		MHz
Stopband Low Band (Loss > 20 dB)	150		278	MHz
Low Band (Loss > 40 dB)	DC		150	MHz
High Band (Loss > 20 dB)	542		645	MHz
High Band (Loss > 40 dB)	645		3000	MHz
Passband VSWR		1.5		(:1)
Stopband VSWR		18		(:1)

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.25W at 25°C

Functional Schematic

