

Diplexer

Surface Mount

DPLX-EDU1407-1+

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.



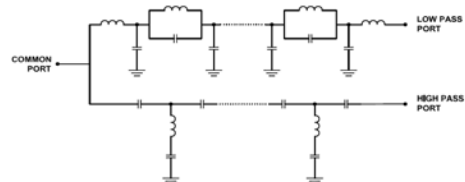
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CASE STYLE : HR1176

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C							
Parameter	Port	Frequency (MHz)	Min.	Typ.	Max.	Units	
Passband	Insertion Loss	Lowpass	5-65		0.5	1.5	dB
		Highpass	88-1000		0.5	1.5	dB
	Return Loss	Lowpass	5-65	17	25		dB
		Highpass	88-1000	12	22		dB
		Common	5-65	17	25		dB
			88-1000	12	22		dB
Stop band isolation	Lowpass	5-65	40	60		dB	
	Highpass	88-1000	40	60		dB	
Crossover isolation	Lowpass to Highpass	65-88	15	40		dB	

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	20dBm

Functional Schematic



PIN CONNECTIONS	
Highpass port	7
Lowpass port	9
Common port	18
Ground	1,2,3,4,5,6,8,10,11,12,13,14,15,16,17,19,20