

Diplexer

Surface Mount

DPLX-EDU1116+

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.



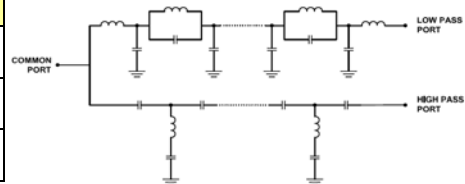
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CASE STYLE : 99-01-1425

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C							
Parameter	Port	Frequency (MHz)	Min.	Typ.	Max.	Units	
Passband	Insertion Loss	Lowpass	50-800		0.5	1	dB
			800-1000		1	2.5	dB
	Return Loss	Highpass	1200-1300		1	2	dB
			Lowpass	50-1000	14	22	dB
		Common	Highpass	1200-1300	14	22	dB
			50-1000	15	22	dB	
Stop band isolation	Lowpass	1200-1300	60	75		dB	
		Highpass	50-800	60	80	dB	
	Highpass	800-1000	60	80	dB		
Crossover isolation	Lowpass to Highpass	1000-1200	24	40		dB	

MAXIMUM RATINGS	
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +100°C
RF Power Input	250mW

Functional Schematic



PIN CONNECTIONS	
Highpass port	SMB-F
Lowpass port	SMB-F
Common port	SMB-F