

# Diplexer

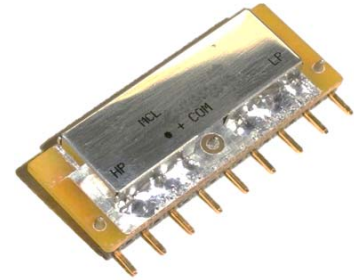
## PLUG-IN

# DPLE-EDU2611

### 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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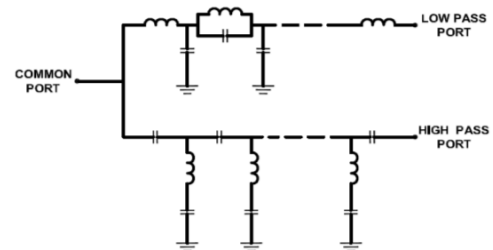


CASE STYLE : 99-01-2411

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C							
Parameter		Port	Frequency (MHz)	Min.	Typ.	Max.	Units
Passband	Insertion Loss	Lowpass	5-42	-	0.7	1.3	dB
		Highpass	54-1220	-	1	1.5	dB
	Return Loss	Lowpass	5-42	20	24	-	dB
		Highpass	54-1220	17	20	-	dB
		Common	5-42	20	24	-	dB
			54-1220	17	20	-	dB
Cross over isolation			5-42	42	46	-	dB
			42-54	-	10	-	dB
			54-1000	43	50	-	dB
			1000-1220	37	40	-	dB

Functional Schematic

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	1W



PIN CONNECTIONS	
Highpass port	9
Lowpass port	1
Common port	5
Ground	2,3,4,6,7,8

Case style size	1.730"X0.545"X0.840
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