

# Diplexer

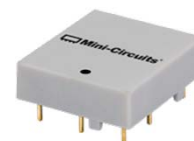
## Plug-In

DPLC-EDU2764+

**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 : QB2223

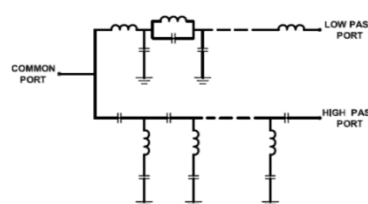
ELECTRICAL SPECIFICATIONS 75Ω @ +25°C							
Parameter		Port	Frequency (MHz)	Min.	Typ.	Max.	Units
Passband	Insertion Loss	Lowpass	5	-	-	0.20	dB
			85	-	-	1.3	dB
		Highpass	102	-	-	1.75	dB
			105	-	-	1.3	dB
			130	-	-	0.6	dB
			870	-	-	0.50	dB
			1000	-	-	0.55	dB
			1218	-	-	0.60	dB
			1225	-	-	0.65	dB
		Flatness (Deviation from best fit line)	Lowpass	5-85	-	-	0.65
	Highpass		120-1225	-	-	0.40	dB
	Return Loss	Lowpass	5-85	22.00	24.00	-	dB
		Highpass	102-104.9	22.00	24.00	-	dB
			105-1225	22.00	24.00	-	dB
		Common	5-85	22.00	24.00	-	dB
			102-104.9	22.00	24.00	-	dB
			105-1225	22.00	24.00	-	dB
Stop Band Isolation		Highpass	5-84.9	50.00	-	-	dB
			85-104.9	40.00	-	-	dB
		Lowpass	105-1225	43.00	50.00	-	dB
Group Delay		Highpass	109.275-112.855	-	-	10.00	ns
			115.275-118.855	-	-	8.00	ns
			121.2625-124.843	-	-	6.00	ns
		Lowpass	82-83.5	-	-	6.00	ns
			83.5-85	-	-	8.00	ns

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

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

Case style size	1.243" X 1.117" X 0.630"
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Functional Schematic

**+RoHS Compliant**

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications