Engineering Development Model

Diplexer

Surface Mount

DPL-EDU1191+

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.

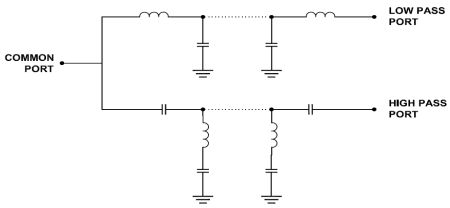
Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : HU1186

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C							
Parameter		**Port**	**Frequency (MHz)**	**Min.**	**Typ.**	**Max.**	**Units**
Passband	**Insertion Loss**	**Lowpass**	**395-705**	-	0.3	0.8	dB
		Highpass	**1595-1905**	-	0.5	1.5	dB
	Return Loss	**Lowpass**	**395-705**	15	25	-	dB
		Highpass	**1595-1905**	14	25	-	dB
		Common	**395-705**	15	25	-	dB
			1595-1905	14	25	-	dB
Stop band isolation		**Lowpass**	**1595-1905**	44	54	-	dB
		Highpass	**395-705**	42	50	-	dB
Cross over isolation		**Lowpass to Highpass**	**705-1595**	10	35	-	dB

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

Functional Schematic



PIN CONNECTIONS	
Highpass port	6
Lowpass port	13
Common port	2
Ground	1,3,4,5,7,8,10,11,12,14