

CERAMIC DUPLEXER

PART NO. : WVX-707P781-10A812

◆ APPLICATION

> 700MHz LTE Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION	
	Low	High
Center Frequency	707 MHz	781.5 MHz
Operating Bandwidth	18 MHz	10 MHz
Insertion Loss @Center Frequency	3.2dB Max	3.2dB Max
Ripple in BW	2.2dB Max	2.2dB Max
Return Loss in BW	13dB Min.	13dB Min.
Rejection(Min.)	45dB@605~620MHz 25dB@722~723MHz 45dB@728~746MHz 51dB@747~757MHz 45dB@758~763MHz 40dB@777~787MHz 35dB@805~849MHz 40dB@851~941MHz TBD@1398~1420MHz TBD@1930~1995MHz TBD@2110~2170MHz	45dB@605~620MHz 40dB@698~716MHz 45dB@728~746MHz 51dB@747~757MHz 35dB@766~767MHz 35dB@805~849MHz 40dB@851~941MHz TBD@1398~1420MHz TBD@1930~1995MHz TBD@2110~2170MHz
Tx to Rx Isolation	40dB min. (698~716MHz & 777~787MHz)	
Input Power	0.5 Watt Max.	0.5 Watt Max.
In/Out Impedance	50 Ohms	

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-20°C to +85°C
Dimension	43.0 x 17.0 x 8.9 (mm)
Resonator Poles	See Below Dimension

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◆ OUTLINE DRWAING

