

Preliminary Specification

CMIDX-245X3255 Diplexer

Electrical Specifications

Parameters	Specifications	
	CH1	CH1
Center Frequency	245 MHz	3255 MHz
Frequency Range	DC~490 MHz	510~6000 MHz
Bandwidth	490 MHz	5490 MHz
Insertion Loss	0.75dB typ. 2.0dB MAX	0.75dB typ. 2.0dB MAX
Return Loss	10dB MAX	10dB MAX
Rejection Band Attenuation	60dBc MIN @ 525~6000 MHz	60dBc MIN @ DC~475 MHz
Cross Over Frequency	500 ± 5 MHz	
Power Handling	100watt CW	
Impedance	50 Ω	
Operating Temperature	-20°C ~ +70°C	
Heat sink surface not to exceed	+80°C MAX	
Connectors	N-type Female	
Dimensions	3.0" x 2.0" x 1.0"	

Outline Drawing

