

# High Power Ceramic Diplexer Surface Mount - 9DLX0-1090-1030/X8

## ◆ Features:

- Low Insertion Loss
- 800 Watts minimum Peak at 2% duty cycle and 16 Watts Continuous in Transmit Band
- Altitude 70,000 Feet



## ◆ Specifications:

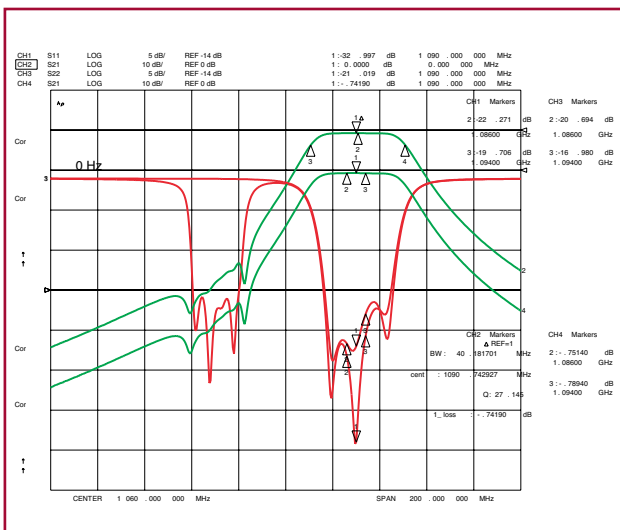
Receive Passband: 1026 – 1034  
 RX Passband Insertion Loss: 4.5 dB maximum  
 RX Passband Return Loss: 14 dB minimum  
 35 dB BW: 44 MHz maximum

Transmit Passband: 1086 – 1094  
 TX Passband Insertion Loss: 1.0 dB maximum  
 TX Passband Return Loss: 14 dB minimum  
 20 dB BW: 90 MHz maximum

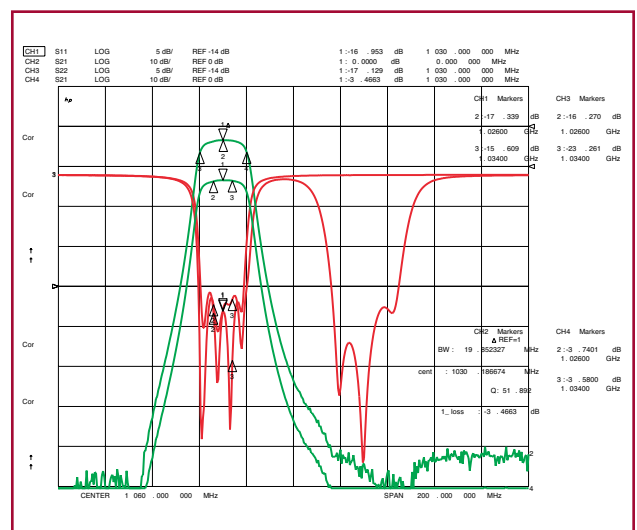
Operating Temperature: -41°C to +85°C  
 Dimensions: 3.60" x 1.125" x 0.625"  
 (including grounding tabs)

## ◆ Applications:

- Applications: Air Traffic Control (ATC) and Traffic Collision Avoidance System (TCAS)



Transmit Channel



Receive Channel