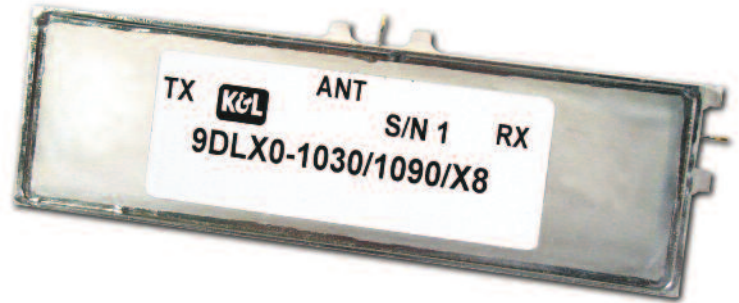


High Power Ceramic Diplexer Surface Mount - 9DLX0-1030-1090/X8

◆ Features:

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



◆ Specifications:

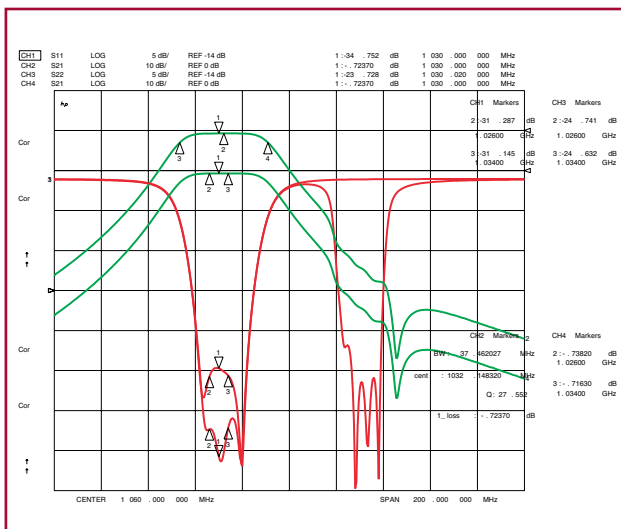
Receive Passband: 1086 – 1094
 RX Passband Insertion Loss: 4.5 dB maximum
 RX Passband Return Loss: 14 dB minimum
 35 dB BW: 44 MHz maximum

Transmit Passband: 1026 – 1034
 TX Passband Insertion Loss: 1.0 dB maximum
 TX Passband Return Loss: 14 dB minimum
 20 dB BW: 90 MHz maximum

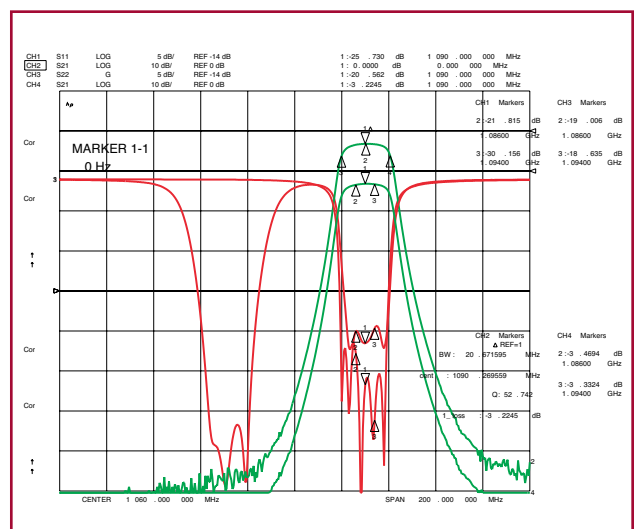
Operating Temperature: -41°C to +85°C
 Dimensions: 3.60" x 1.125" x 0.625"
 (including grounding tabs)

◆ Applications:

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



Transmit Channel



Receive Channel