

Multipliers

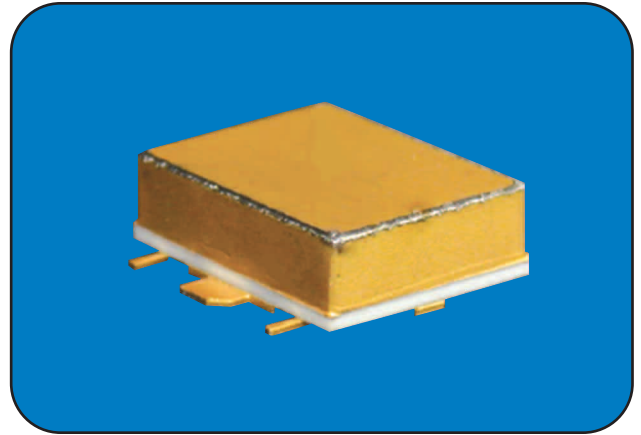
X2 Multiplier, 100-250, 200-500 MHz

Model: MUL063



Features:

- Input Drive Level: +22 dBm (nominal)
- Hermetically-Sealed Package
- Low Residual Phase Noise
- Designed For High Vibration Environments



Electrical Specifications

Input Frequency: 100 to 250 MHz

Output Frequency: 200 to 500 MHz

Conversion Loss:

F_{in} = 100 to 250 MHz	9.3 dB (typical)
-54° C to +85° C	10.8 dB (maximum)

Fundamental Suppression:

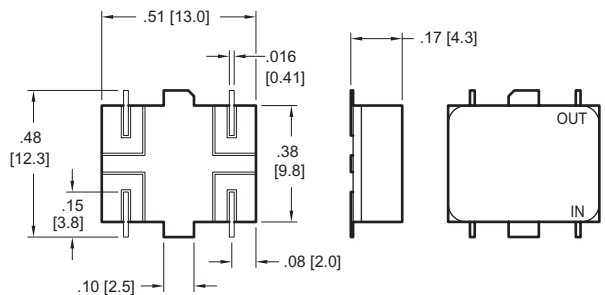
F_{in} = 100 to 250 MHz	38 dB (typical)
-54° C to +85° C	25 dB (minimum)

Third Harmonic Suppression:

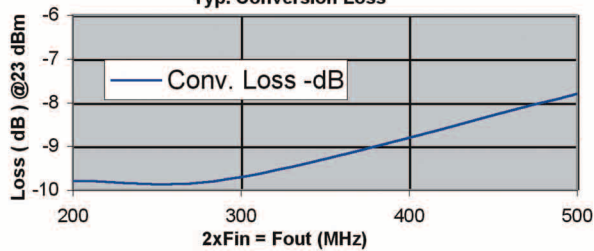
F_{in} = 100 to 250 MHz	45 dB (typical)
-54° C to +85° C	30 dB (minimum)

Input VSWR:

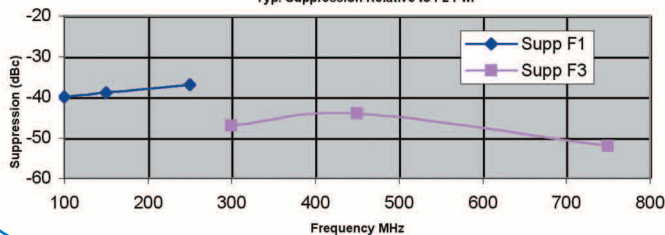
F_{in} = 100 to 250 MHz	1.5:1
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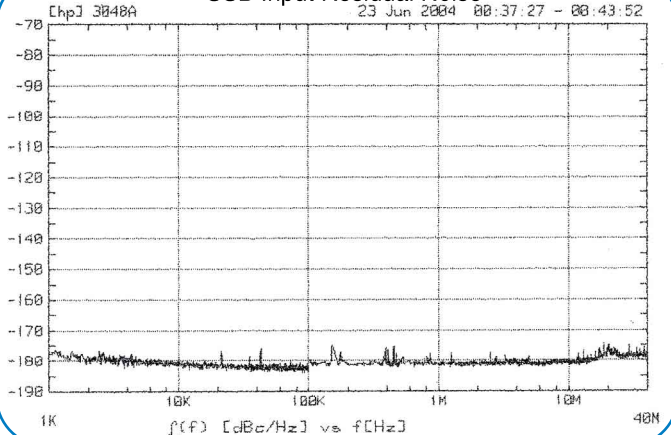
Typ. Conversion Loss



Typ. Suppression Relative to F2 Pwr



SSB Input Residual Noise



Specifications subject to change without notice.