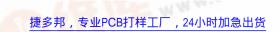
查询VCO-109TC供应商





VCO Product Specification

Model:VCO-109TCRev: -Date: 7/18/2002Customer:SIRENZA MICRODEVICES, INC.

Operating Temperature Range: (-55 ° to 100 ° C)

| Parameter | Min | Tun | Max | Units | X | Remarks |
|---------------------------------------|-------|-------|-------|---------|---|---------------------------------------|
| Frequency Range - | 900 | Тур | 1800 | MHz | X | кетагкз |
| . , , | 900 | | 1800 | MILZ | | |
| Tuning Voltage: | -13 | | | | | |
| 900 MHz | 0 | 1.2 | | Vdc | Х | |
| 1800 MHz | W 14 | 18.5 | 20 | Vdc | Х | |
| Tuning Sensitivity: | | | | | | |
| 900 MHz | 61.2 | 81.6 | 102 | MHz/V | Х | - 50 |
| 1125 MHz | 44.3 | 59.1 | 73.9 | MHz/V | Х | |
| 1350 MHz | 49.1 | 65.5 | 81.9 | MHz/V | Х | |
| 1575 MHz | 41.8 | 55.6 | 69.6 | MHz/V | X | DE W.DZSC |
| 1800 MHz | 17.6 | 23.5 | 29.4 | MHz/V | X | A A A A A A A A A A A A A A A A A A A |
| Output Power - | 10 | 12.5 | 16 | dBm | Х | |
| Output Phase Noise: | | 14 | 1 0 | | | |
| 10 kHz | 2-11 | -90 | -84 | dBc/Hz | Х | |
| 100 kHz | 1.0 | -112 | -106 | dBc/Hz | Х | |
| 1000 kHz | Maria | -135 | -129 | dBc/Hz | Х | |
| Power Supply - | 14.75 | 15 | 15.25 | Volts | Х | |
| Supply Current - | | 15 | 18 | mA | Х | - 5 |
| Harmonic Suppression: | | | | | | - 75100 |
| 2nd Harmonic | | -15 | -10 | dBc | Х | C. CO |
| 3rd Harmonic | | -15 | -10 | dBc 👘 | Х | W.U.S. |
| Spurious (Non-Harmonic) - | | | -80 | dBc | | |
| Frequency Pushing - 14.75- 15.25 V | | 4 | 6 | MHz p-p | 1 | . ₽ |
| Frequency Pulling - 20 dB RL | -1-1 | 20 | 25 | MHz p-p | | |
| Output Impedance - | 2 an | 50 | | Ω | | |
| Modula <mark>tion:</mark> | 44.44 | | | | | |
| Bandwidth | 15000 | 20000 | | kHz | | |
| Input Impedance | | 0.05 | ĺ l | kΩ | 1 | |

Package Information

| Package Type: | TO-8 (Cir) | Drawing Number: | A8678 |
|---------------|-----------------------------|-------------------|-------|
| Dimensions: | 0.504 x 0.504 x 0.27 inches | Drawing Revision: | Ρ |

Comments

X Indicates parameter to be tested 100% in production

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