DESCRIPTION

5.25 TO 5.75GHz FREQUENCY RANGE. THIS LIMITER CAN HANDLE AN INPUT POWER OF
50 WATTS PEAK AND HAS A FLAT LEAKAGE OUTPUT OF +18dBm MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: 5.25 TO 5.75GHz
- INSERTION LOSS: 1.0dB MAX.
- VSWR: 1.5:1 MAX IN 500
- RF INPUT POWER: 50W PEAK MAX. @ 40% PULSE
- SPIKE LEAKAGE: +18dBm GOAL; +20dBm MAX.
- FLAT LEAKAGE: +15dBm GOAL; +18dBm MAX.
- RECOVERY TIME: 50nSec MAX. @ 50W POWER INPUT
- SIZE: 0.39 x 0.50 x 1.0 INCHES

ENVIRONMENTAL RATINGS

- TEMPERATURE: -50°C TO +60°C (OPERATING)
- HUMIDITY: -50°C TO +100°C (STORAGE)
- SHOCK: MIL-STD-202F, METHOD 103B COND. B
- VIBRATION: MIL-STD-202F, METHOD 2040 COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

MECHANICAL OUTLINE

0.10 0.50

0.08

0.50 0.35

Ø0.096

0.25

0.39 0.25

IN OUT

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ISO 9001 CERTIFIED

DRAWN

CHECKED

ISSUED

SCALE

A 05XQO PRELIMINARY –

5.25 to 5.75GHz RF LIMITER
LM–5D25G5D75G–18DBM–50W–PP
PLXXXX/XXXX

ALL DIMENSIONS ARE IN INCHES

TOLERANCES: X,XX ±0.002
X,XXX ±0.010

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