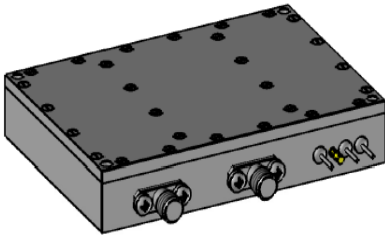


PHASE LOCKED DRO

AMG026.-001 - Frequency sources



- Dual loop
- Very low phase noise
- Compact size (89x61x87mm)

DESCRIPTION

PLDROs or Phase Locked Dielectric Resonator Oscillators are components used as the first local oscillator of a microwave radio receiver. With no spurious emission and excellent phase noise, they do not degrade the reception of radar signals: primary radar or Doppler radar. AMG PLDROs can be supplied with a very pure quartz reference or with an input for synchronisation with an external reference.

USE



APPLICATIONS

- Instrumentation
- Radar defense or civil purposes

ADDITIONAL INFORMATION



FEATURES

- Fixed frequency from 7 GHz to 18 GHz
- Power 15 dBm
- Supply voltage 15 V
- Power consumption 400 mA
- Operating temperature -40°C to +70°C
- Shock MIL -E- 16400G see 3.3.5.13
- Humidity MIL -E- 16400G see 3.3.5.13 for 95% RH at +45°C
- Phase noise for 10 GHz
 - -65dBc/Hz @ 1kHz
 - -80dBc/Hz @ 10kHz
 - -95dBc/Hz @ 100kHz

DISCLAIMER: AMG Microwave reserves the right to make modifications to the design and characteristics of this product at any time and without prior notice.
document reference: AMG026-001-1

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MICROWAVE

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