



ALL DIMENSIONS SHOWN ARE IN mm [inch]

ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE: 2-18 GHz
- GAIN: 10 dB MIN.
- POSITIVE SLOPE: 4 dB NOM. (defined as GAIN @18 GHz - GAIN @2 GHz)
- GAIN LINEARITY: ±1.5 dB MAX.
- NOISE FIGURE: 4 dB TYP.
- OP1dB: 14 dBm MIN. @FREQUENCY RANGE
- VSWR: 2.0:1 MAX.
- DC VOLTAGE: +12 V to +15 V
- DC CURRENT: 150 mA NOM.
- RF INPUT POWER: +23 dBm CW MAX.

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202G, METHOD 103B COND. B
- SHOCK: MIL-STD-202G, METHOD 213B COND. B
- VIBRATION: MIL-STD-202G, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202G, METHOD 105C COND. B
- THERMAL SHOCK: MIL-STD-202G, METHOD 107D COND. A

FINISH: NICKEL PLATING



NOTE: The above specifications are subject to change or revision. Specifications are at 25°C unless stated otherwise.

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| | QP microWAVE CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN | APPROVALS | DATE | SIGNED | DESCRIPTION: LNA WITH POSITIVE SLOPE 2-18 GHz | REV.: | SHEET: | |
| | | DRAW | 07/05/15 | BME | CODE: | QP-AMWPS-0218-01 | 001 | 1 DE 1 |
| | | CHECKED | 07/05/15 | JAV | | | | |
| | | APPROVED | 07/05/15 | JAV | | | | |