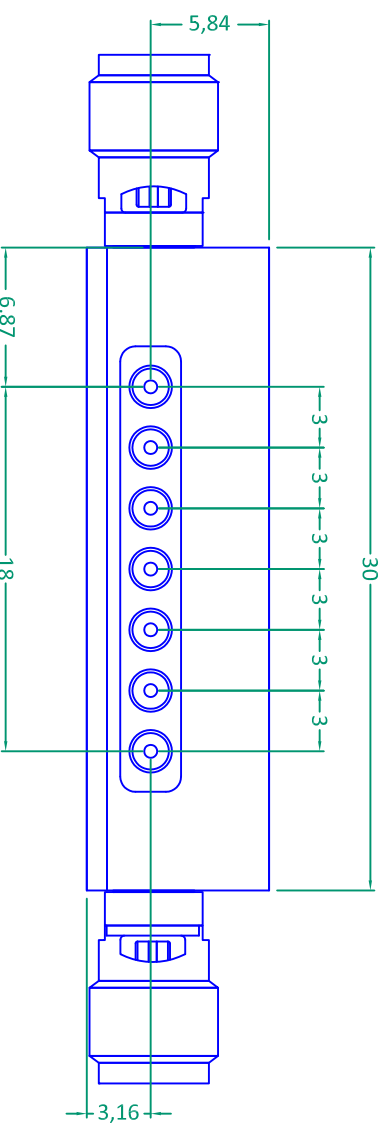


**ALL DIMENSIONS SHOWN
ARE IN mm (inch)**



ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 0.1 - 27 GHz.
 ATTENUATION RANGE: 31 dB.
 ATTENUATION WORD: 5 BIT.
 ATTENUATION STEP: 1 dB.
 ATTENUATION FLATNESS: ±1 dB.
 ATTENUATION ACCURACY: ±1 dB @ 0 - 15 dB.
 ±1.5dB @ 16 - 31 dB.
 INSERTION LOSS: 4.0 dB TYP.
 6.0 dB MAX.
 VSWR: 1.6:1.
 SWITCHING TIME: 90 ns.
 POWER HANDLING CAPACITY: 25 dBm

LOGIC "0" (BIT OFF): 0 TO 0.8 V
 LOGIC "1" (BIT ON): 2 TO 5 V
 POWER SUPPLY: +5V, 10mA
 REQUIREMENTS: -5V, 10mA
 CONNECTORS: J1,J2-SMA FEMALE, STAIN LESS STEEL
 PIN FUNCTIONS:
 P0: -Vcc
 P1: 1 dB
 P2: 2 dB
 P3: 4 dB
 P4: 8 dB
 P5: 16 dB
 P6: +Vcc

ENVIRONMENTAL RATINGS

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

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



QP microwave
 C/O LOUIDE 6
 28230 LAS ROZAS
 MADRID, SPAIN

APPROVALS	DATE	SIGNED	DESCRIPTION:
DRAWN	15/01/13	AGI	DIGITAL ATTENUATOR 0.1 - 27 GHz
CHECKED	15/01/13	AGM	
APPROBADO			

CODE:	REV.:
QP-ATDIG-0027-01	000
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