



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

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 2 - 4 GHz
 PHASE SHIFT: 360°
 PHASE SHIFT WORD: 11 BITS
 PHASE SHIFT STEP: 0,175°
 TEMP. DRIFT: (-20°C TO 70°C) ±5° FROM 0 TO 360°
 INSERTION LOSS: 6,0 dB TYP.
 8,0 dB MAX.
 VSWR: IN 2,0:1 TYP. / OUT 2,1:1 TYP.
 IN 2,5:1 MAX. / OUT 2,6:1 MAX.
 ON 500 ns MAX. / OFF 250 ns MAX.
 RISE 150 ns MAX. / FALL 100 ns MAX.
 MONOTONICITY: GUARANTEED
 POWER HANDLING CAPACITY: +25dBm CW MAX.

LOGIC "0" (BIT OFF):
 LOGIC "1" (BIT ON):
 POWER SUPPLY REQUIREMENTS:
 CONNECTORS:

-0,3 TO +0,8 V
 +2,0 TO +5,0 V
 ±15 V ± 5%
 J1, J2 - SMA FEMALE, STAINLESS STEEL
 J3 - DA-15P TYPE OR EQUIV. YELLOW CHROMATE OVER NICKEL
 NICKEL PLATING

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
 - TEMP. SHOCK: MIL-STD-202G, METHOD 107G COND. A

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



	Qp microwAVE C/QUEIFE 6 28231 LAS ROZAS MADRID, SPAIN		APPROVALS	DATE	SIGNED	DESCRIPTION:	REV.:	SHEET:
	DRAW	06/05/14	AGI	CODE:	QP-PSDIG-0204-01	001	1 OF 1	
	CHECKED	06/05/14	BME					
	APPROVED							

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