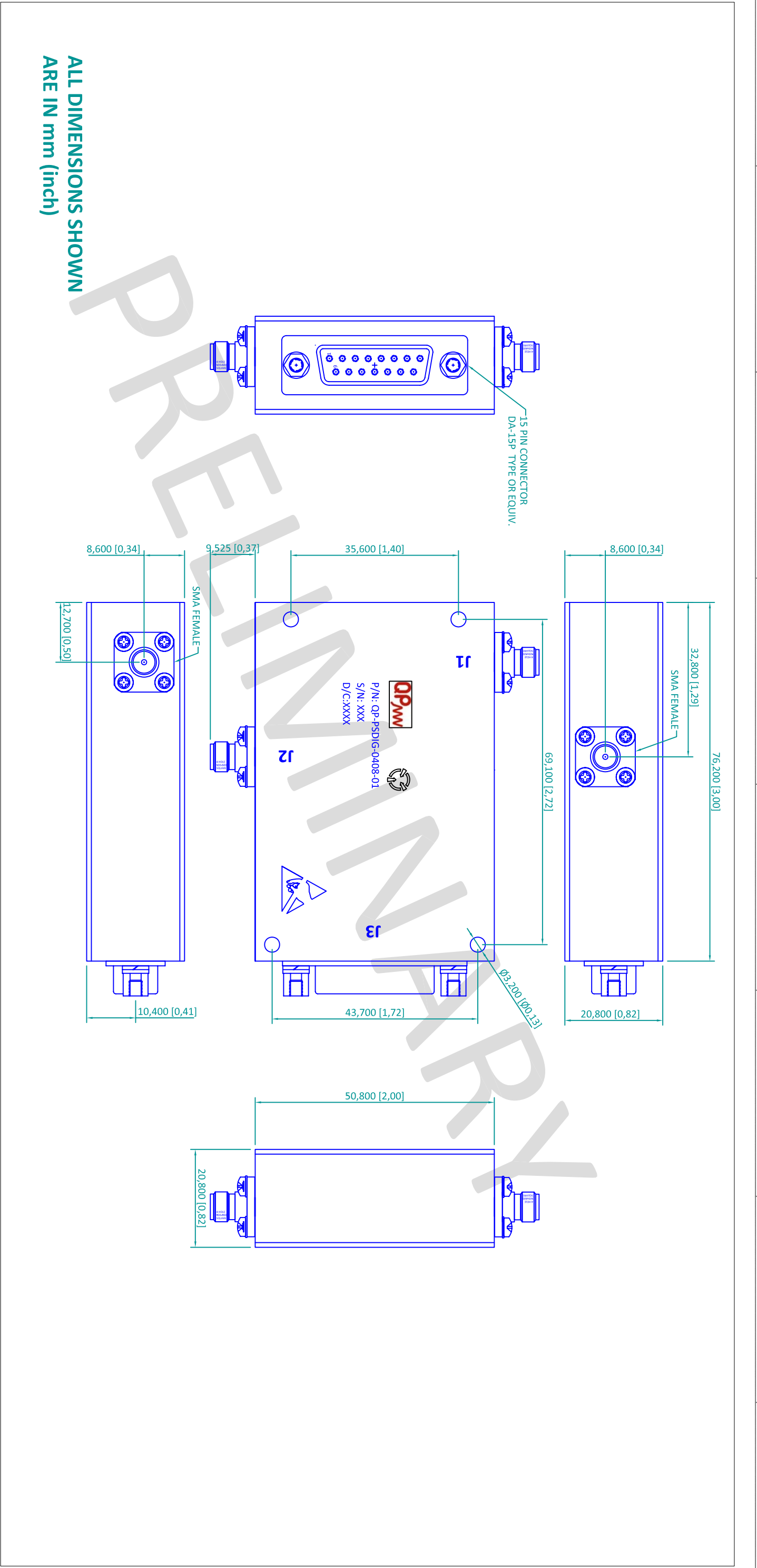




ALL DIMENSIONS SHOWN
ARE IN mm (inch)

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	4 - 8 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.
SWITCHING TIME:	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):	-0.3 TO +0.8 V
LOGIC "1" (BIT ON):	+2.0 TO +5.0 V
POWER SUPPLY REQUIREMENTS:	±15 V ± 5%
CONNECTORS:	J1, J2 - SMA FEMALE, STAINLESS STEEL J3 - DA-15P TYPE OR EQUIV. YELLOW CHROMATE OVER NICKEL
FINISH:	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 CÔLOUQUE 6 28231 LAS ROZAS MADRID, SPAIN			
APPROVALS		DATE	SIGNED	DESCRIPTION:	PHASE SHIFTER 4 - 8 GHz
DRAW	06/05/14	AGI	CODE: QP-PSDIG-0408-01	REV.:	
CHECKED	06/05/14	BME		001	
APPROVED					
				SHEET:	1 OF 1