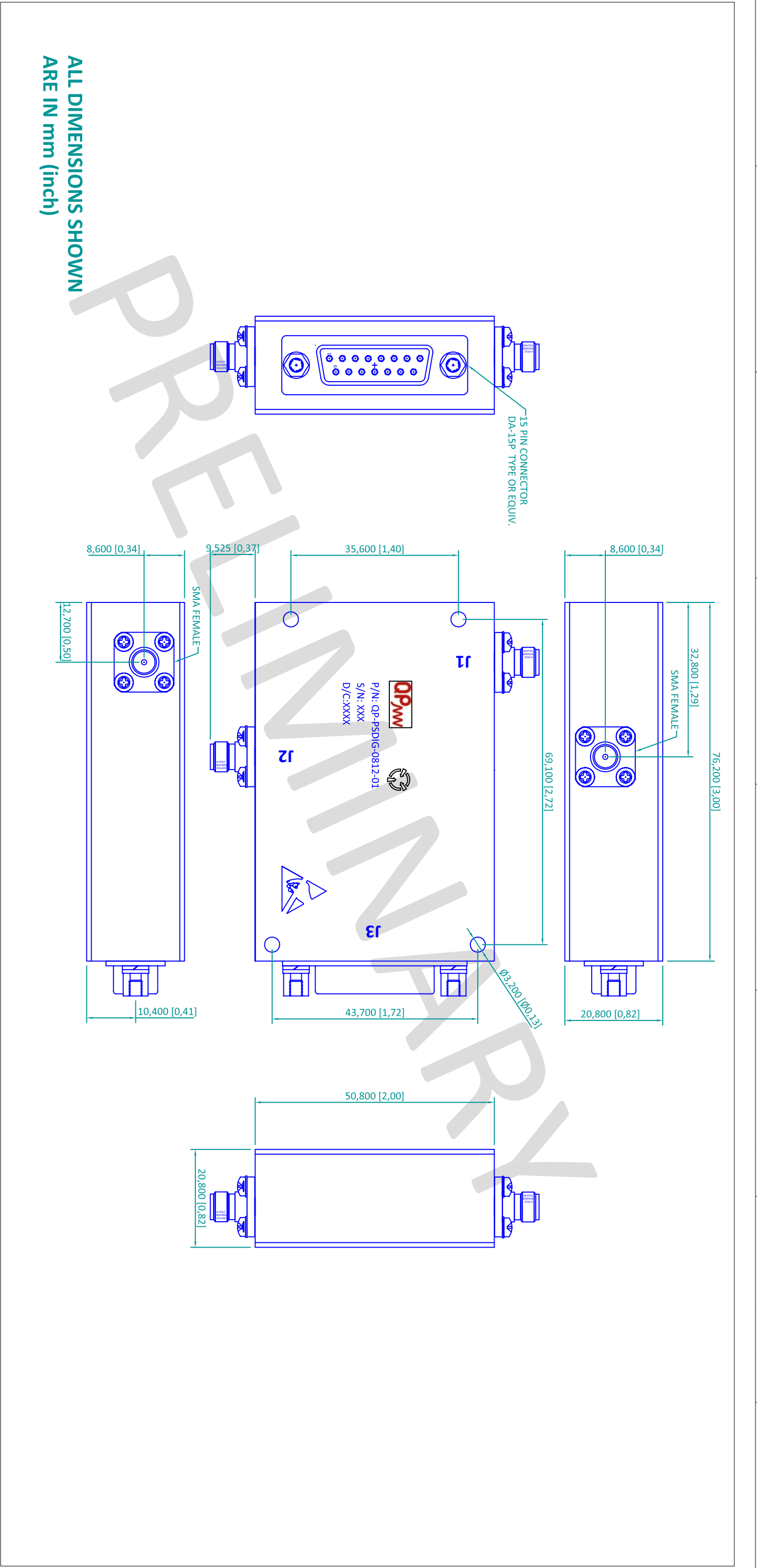




ALL DIMENSIONS SHOWN
ARE IN mm (inch)

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	8 - 12 GHz	LOGIC "0" (BIT OFF):	-0.3 TO +0.8 V
PHASE SHIFT:	360°	LOGIC "1" (BIT ON):	+2.0 TO +5.0 V
PHASE SHIFT WORD:	11 BITS	POWER SUPPLY REQUIREMENTS:	±15 V ± 5%
PHASE SHIFT STEP:	0,175°	J1, J2 - SMA FEMALE, STAINLESS STEEL	
TEMP. DRIFT: (-20°C TO 70°C)	±5° FROM 0 TO 360°	J3 - DA-15P TYPE OR EQUIV. YELLOW CHROMATE OVER NICKEL	
INSERTION LOSS:	6,5 dB TYP.	FINISH:	NICKEL PLATING
	8,5 dB MAX.		
VSWR:	IN 2,5:1 TYP. /OUT 2,8:1 TYP.		
	IN 3,0:1 MAX. /OUT 3,3:1 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.		

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 8 - 12 GHz		CODE:	REV.:	SHEET:
				DRAW	06/05/14	AGI					
				CHECKED	06/05/14	BME					
				APPROVED							
								QP-PSDIG-0812-01		001	1 OF 1

