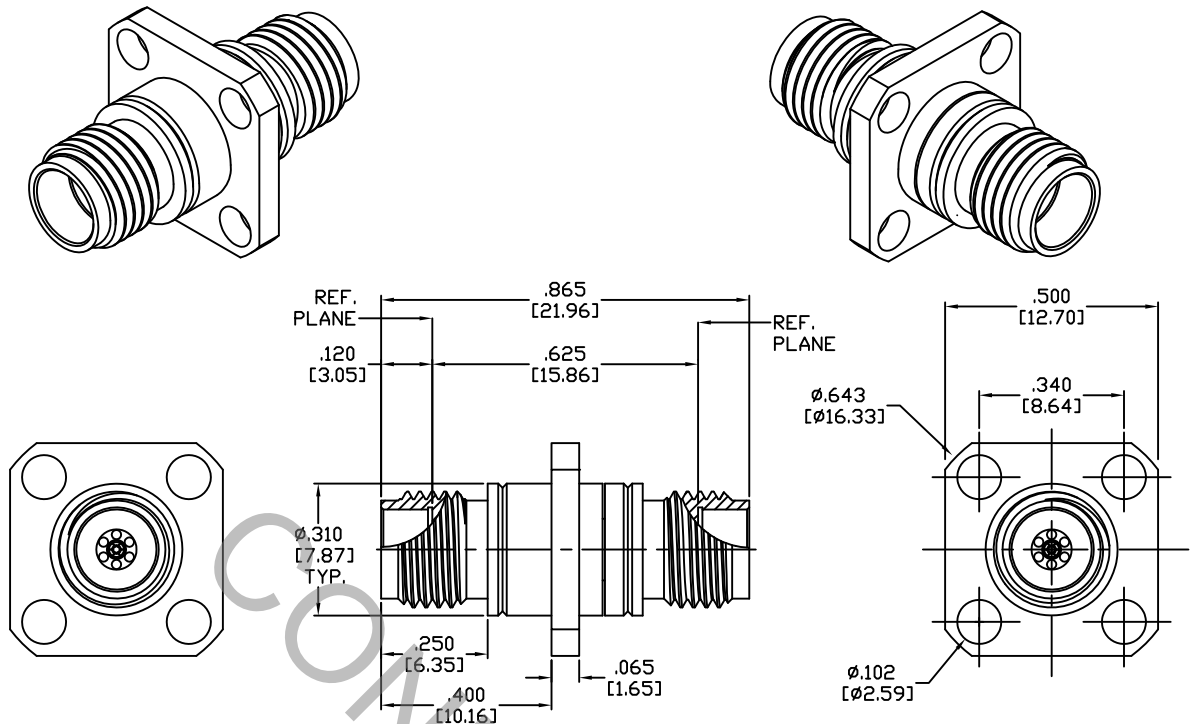


SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS PER DYNAWAVE SPEC. MD-13-1 (2.4mm JACK TYP. BOTH ENDS)

2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 50.0 GHz
VSWR (MAX.) *	_____	1.06 + .009 x FGHz
INSERTION LOSS (dB MAX.) *	_____	.35 dB x √FGHz
NOMINAL IMPEDANCE (OHMS)	_____	50
VOLTAGE RATING (MAX. VRMS)	_____	250
RF LEAKAGE (MIN. dB DOWN)	_____	-100 dB - FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-65°C TO + 125 °C
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	_____	750
INSULATION RESISTANCE (MIN. MEGOHMS)	_____	5,000
CONTACT RESISTANCE		
• CENTER CONTACT (MAX. MILLIOHMS)	_____	6.0
• OUTER CONTACT (MAX. MILLIOHMS)	_____	2.0

*TERMINATED IN A 50 OHM LOAD

RoHS
COMPLIANT

This Document contains proprietary and confidential information.

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES				 HAVERHILL, MA 01835	
				DECIMALS	FRACTIONAL	ANGULAR			
				.X ± .030 .XX ± .010 .XXX ± .005	±/64	X ° ± 1 0' X ° X' ± 15'			
AA	15-1001	1/5/15	TS	DRAWN	TS	DATE	1/5/15	TITLE 2.4mm JACK TO 2.4mm JACK 4 HOLE FLANGE ADAPTER	
AB	15-1044	1/12/15	TS	APPROVED	DC	DATE	1/5/15		
AC	15-1081	1/19/15	DC					DWG. NO. 1154-1313-6200	
BA	16-1141	2/3/16	TS						
				CODE IDENT. 2J899	SHEET 1 OF 2				

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

MAX. AXIAL FORCE _____ 4.5 LBS.

MAX. RADIAL TORQUE _____ N/A

CENTER CONTACT AXIAL FORCES

● INSERTION (MAX. OUNCES) _____ INTERFACE 32.0 (JACK)

● WITHDRAWAL (MIN. OUNCES) _____ INTERFACE 2.0 (JACK)

CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. IN. LBS.) — 2.0

CONNECTOR DURABILITY (MIN. CYCLES) _____ 500

RECOMMENDED MATING TORQUE _____ 7 - 10 IN. LBS.

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 102, COND. C (-65 °C TO + 125 °C)

SHOCK _____ MIL-STD-202, METHOD 213, COND. I (100 G's)

VIBRATION _____ MIL-STD-202, METHOD 204, COND. D (20 G's)

MOISTURE RESISTANCE _____ MIL-STD-202, METHOD 106, LESS STEP 7b

CORROSION _____ MIL-STD-202, METHOD 101, COND. B (48 HOURS)

BAROMETRIC PRESSURE (ALTITUDE) _____ MIL-STD-202, METHOD 105, COND. C (70,000 FT.) (190 VRMS)

5. MATERIAL

BODIES _____ STAINLESS STEEL PER ASTM 582, TYPE 303, COND. A

CONTACTS _____ BERYLLIUM COPPER PER ASTM B196/B, 196M-03, COPPER
ALLOY No. UNS-C17300, TEMPER TD04.

INSULATOR _____ PLASTIC COMPOSITE

6. FINISH

BODIES _____ PASSIVATE PER AMS 2700, TYPE 2, CLASS 4.

CONTACTS _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 0.75
(.000030 MIN. THK.) OVER NICKEL PER SAE AMS QQ-N-290, CLASS 1
(.000050 MIN. THK.) OVER COPPER PER AMS 2418 (.000010 MIN. THK.)

INSULATOR _____ N/A