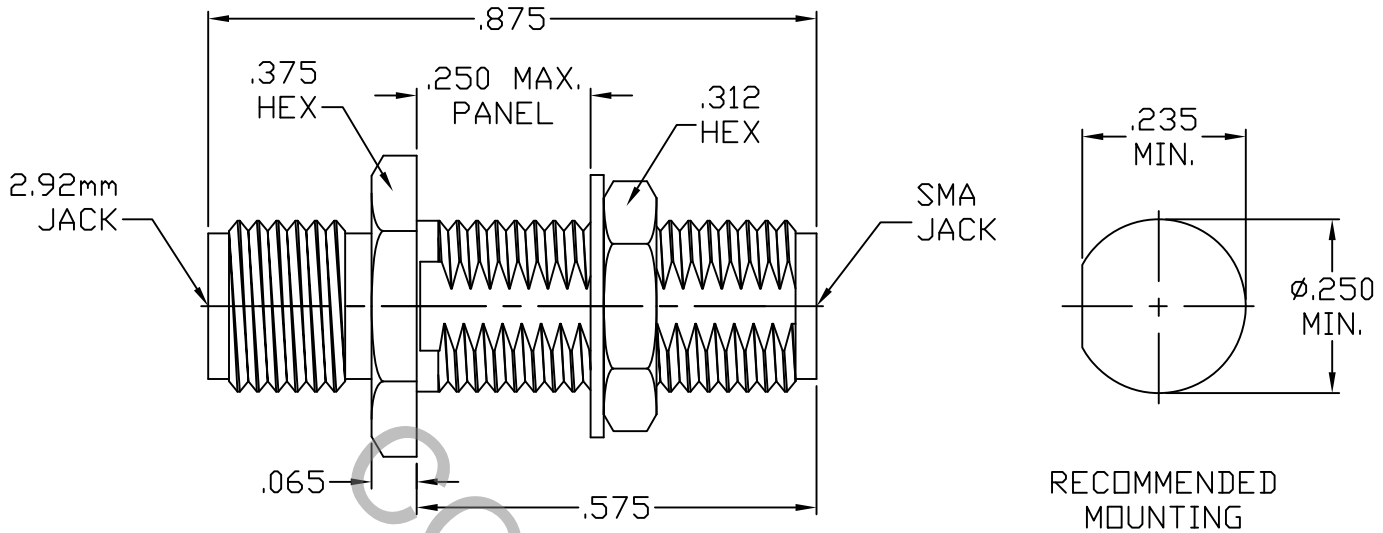


SPECIFICATION CONTROL DRAWING



1. MATING
 - 1A. INTERFACE DIMENSIONS PER MIL-STD-348, Fig. 323.2 SMK JACK
 - 2A. INTERFACE DIMENSIONS PER MIL-STD-348, Fig. 310.2 SMA JACK

2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 26.5 GHz.
VSWR (MAX.) *	_____	1.06 + .007 x FGHz.
INSERTION LOSS (dB MAX.)	_____	.035 dB x $\sqrt{\text{FGHz.}}$
NOMINAL IMPEDANCE (OHMS)	_____	50
VOLTAGE RATING (MAX. VRMS)	_____	250
RF LEAKAGE (MIN. dB DOWN)	_____	100 dB - FGHz.
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-65°C TO +165°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

* INTO A 50 OHM LOAD.

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			 HAVERHILL, MA. 01835
				DECIMALS .X ± .030 .XX ± .010 .XXX ± .005	FRACTIONAL ± 1/64	ANGULAR X° ± 1'0" X° X' ± 15"	
AA	05-1268	3/1/05	DC				TITLE 2.4mm JACK TO SMA JACK BULKHEAD ADAPTER
BA	15-2661	11/18/15	TS				
				DRAWN	DC	DATE	3/1/05
				APPROVED	DC	DATE	3/1/05
				CODE IDENT.			DWG. NO. 1110-9599-6200
				2J899	SHEET	1 OF 2	

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

- MIN. AXIAL FORCE _____ 6.0 LBS.
- MIN. RADIAL TORQUE _____ N/A

CENTER CONTACT AXIAL FORCES

- INSERTION (MAX. OUNCES) _____ 32.0
- WITHDRAWAL (MIN. OUNCES) _____ 2.0

CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. LBS.) _____ 2.0

CONNECTOR DURABILITY (MIN. CYCLES) _____ 500

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 102, COND. C (-65 ° c TO + 200 ° 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.) (200 VRMS)

5. MATERIAL

CONNECTOR BODY, COUPLING NUT, LOCKNUT _____ STAINLESS STEEL PER ASTM A 582, TYPE 303, COND. A.
AND LOCKWASHER

CENTER CONTACT AND RETAINING RING _____ BERYLLIUM COPPER PER ASTM B 196, COPPER ALLOY UNS C17300.

INSULATOR _____ TEFLON PER ASTM D 4894-91

6. FINISH

CONNECTOR BODY, LOCKNUT _____ PASSIVATE PER QQ-P-35C, TYPE IV
AND LOCKWASHER

CENTER CONTACT _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 0.70
(.000030 MIN.) OVER NICKEL PER QQ-N-290,
(.000050 MIN.) OVER COPPER PER MIL-C-14550 (.000010 MIN.)

INSULATOR _____ N/A