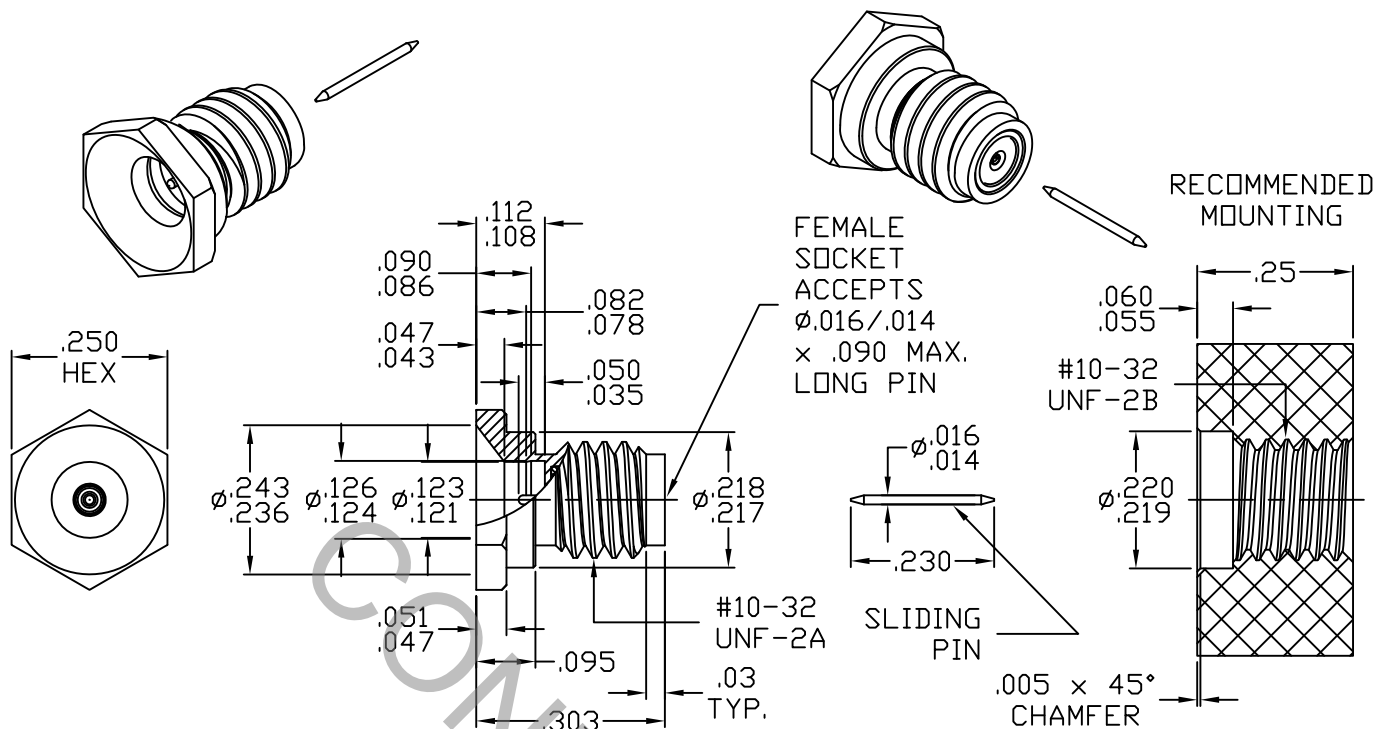


SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS Per DIMENSIONS SHOWN.

2. ELECTRICAL

FREQUENCY RANGE GHz _____ DC TO 18.0 GHz

VSWR (MAX.) * _____ $1.05 + .006 \times \text{FGHz}$

INSERTION LOSS (dB MAX.) * _____ $.045 \text{ dB} \times \sqrt{\text{FGHz}}$

NOMINAL IMPEDANCE (OHMS) _____ 50

VOLTAGE RATING (MAX. VRMS) _____ 250

RF LEAKAGE (MIN. dB DOWN) _____ $-100 \text{ dB} - \text{FGHz}$

TEMPERATURE RATING (DEGREES CENTIGRADE) _____ $-65^\circ \text{C TO } +165^\circ \text{C}$

DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS) _____ 500

INSULATION RESISTANCE (MIN. MEGOHMS) _____ 2,500

CONTACT RESISTANCE

- CENTER CONTACT (MAX. MILLIOHMS) _____ 3.0
- OUTER CONTACT (MAX. MILLIOHMS) _____ 2.0

* TERMINATED IN A 50 OHM LOAD

RoHS
 COMPLIANT

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			 HAVERHILL, MA 01835
A	1226	6/96	TS	DECIMALS	FRACTIONAL	ANGULAR	
				.X $\pm .030$.XX $\pm .010$.XXX $\pm .005$	$\pm 1/64$	X $\pm 1^\circ 0'$ X $\times X \pm 15'$	
AA	98-0990	10/27/98	DGG				TITLE DYNAPAC PLUG, THREAD-IN BUSHING, SLIDING PIN. (LIMITED BORE/TAPER)
AB	99-0461	5/28/99	AJH	DRAWN	TS	DATE	3/95
AC	00-1257	10/4/00	DGG				
AD	01-0413	5/7/01	DGG	APPROVED	DGG	DATE	3/95
BA	02-0069	1/24/02	TS	CODE IDENT.			DWG. NO. 2137-0042-6232
BB	12-1303	4/16/12	DC	2J899		SHEET 1 OF 2	

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

MIN. AXIAL FORCE _____ 3.5 LBS.

MIN. RADIAL TORQUE _____ N/A

CONNECTOR ENGAGEMENT FORCES

● INSERTION (MAX. POUNDS) _____ 5.0

● WITHDRAWAL (MIN. POUNDS) _____ 0.3

CONNECTOR DURABILITY (MIN. CYCLES) _____ 500

RECOMMENDED MOUNTING TORQUE _____ 10 - 12 IN. LBS.

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 107, COND. C (-65° c TO + 165° 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.) (125 VRMS)

5. MATERIAL

BODY & SLEEVE _____ STAINLESS STEEL PER ASTM-A-582, TYPE 303, COND. A

CONTACT & SLIDING PIN _____ BERYLLIUM COPPER PER ASTM-B-196/B, 196M-03, COPPER
ALLOY No. UNS-C17300, TEMPER TD04.

INSULATOR _____ TEFLON PER ASTM-D-1710-02, TYPE 1, GRADE 1, CLASS B.

6. FINISH

BODY & SLEEVE _____ PASSIVATE PER AMS-2700, TYPE 2, CLASS 4.

CONTACT & SLIDING PIN _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 1.27
(.000050 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