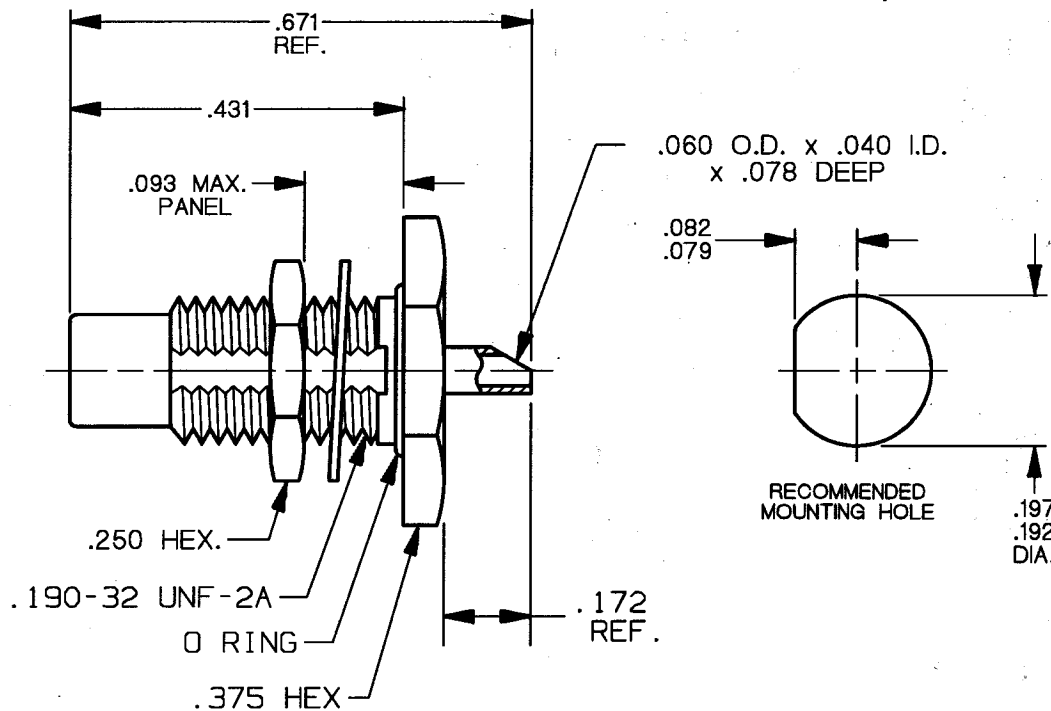


ENG. FILE COPY

CONFIGURATION (TOLERANCE ± .005 UNLESS OTHERWISE SPECIFIED)



SMC JACK, BULKHEAD MOUNT, HERMETIC SEAL, RECEPTACLE

ELECTRICAL:

DWG. NO. 2263-6001

NOMINAL IMPEDANCE (OHMS)	50
FREQUENCY RANGE (GHZ)	DC TO 10.0
VOLTAGE RATING (MAX. VRMS)	335
VSWR (MAX.)	1.15+.015 X FGHZ*
INSERTION LOSS (DB MAX.)	.30*
RF LEAKAGE (MIN. DB DOWN)	100 DB-FGHZ
RF HIGH POTENTIAL (MAX. VRMS)	670 AT 5MHz
DIELECTRIC WITHSTANDING VOLT. (MAX. VRMS)	1000
INSULATION RESISTANCE (MIN. MEGOHMS)	1000
CONTACT RESISTANCE:	
CENTER CONTACT (MAX. MILLIOHMS)	6.0
OUTER CONTACT (MAX. MILLIOHMS)	1.0

MECHANICAL:

INTERFACE DIMENSIONS	PER MIL-C-39012, MIL-STD-348 AND S/V MD-124
RECOMMENDED MATING TORQUE	16.0 IN. OZ.
CENTER CONTACT AXIAL FORCES:	
INSERTION (MAX. OUNCES)	N/A
WITHDRAWAL (MIN. OUNCES)	N/A
CONNECTOR DURABILITY (MIN. CYCLES)	500
CONNECTOR ENGAGEMENT & DISENGAGEMENT (MAX. INCH LBS.)	
CENTER CONTACT CAPTIVATION	4.0 LBS. MIN. AXIAL FORCE

ENVIRONMENTAL:

TEMP. RATING (DEGREES CENTIGRADE)	-55°C TO +165°C
VIBRATION (MIL-STD-202, METHOD 204, CONDITION D, 20G.S)	
SHOCK (MIL-STD-202, METHOD 213, COND. I, 100G.S)	
TEMP CYCLING (MIL-STD-202, METH. 107, COND. B, -65C to 200°C)	
MOISTURE RESISTANCE (MIL-STD-202, METHOD 106, LESS STEP 7B)	
BAROMETRIC PRESSURE (ALTITUDE) MIL-STD-202, METHOD 105, COND. C, 70,000 FT., 250 VRMS)	
HERMETICITY 1×10^{-8} CC/SEC.	

* WHEN PROPERLY TERMINATED IN A 50 OHM LOAD.

MATERIAL & FINISH:

BODY: STAINLESS STEEL PER AMS-5640, UNS S30300 [TYPE 1]; GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1 OVER NICKEL PER QQ-N-290, CLASS 1.
 CONTACT: NICKEL #52 ALLOY STEEL, ASTM F30; GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1, OVER NICKEL PER QQ-N-290, CLASS 1.
 INSULATOR: TEFLON PER ASTM -D-1457.
 GLASS SEAL: CORNING, 9013.
 O RING: SILICONE RUBBER PER ZZ-R-765, CLASS IIB, GRADE 50 OR 60
 LOCK WASHER: PHOSPHOR BRONZE PER ASTM B 103, ALLOY 52100; GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1 OVER COPPER PER MIL-C-14550, CLASS 4.
 HEX NUT: BRASS PER ASTM B 16, ALLOY 360, TEMPER H02; GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1 OVER COPPER PER MIL-C-14550, CLASS 4.

SYM.	DESCRIPTION	DATE	APPR.	DRAWN:	APPROVED:
—	REL. NRN 22274	1/96	<i>Jm</i>	JRG	<i>Jm</i>
				DATE 1/05/96	DATE

**SOLITRON/VECTOR
MICROWAVE**
 3301 ELECTRONICS WAY
 WEST PALM BEACH, FL. 33407
 CAGE: 95077

DWG. NO.

2263-6001