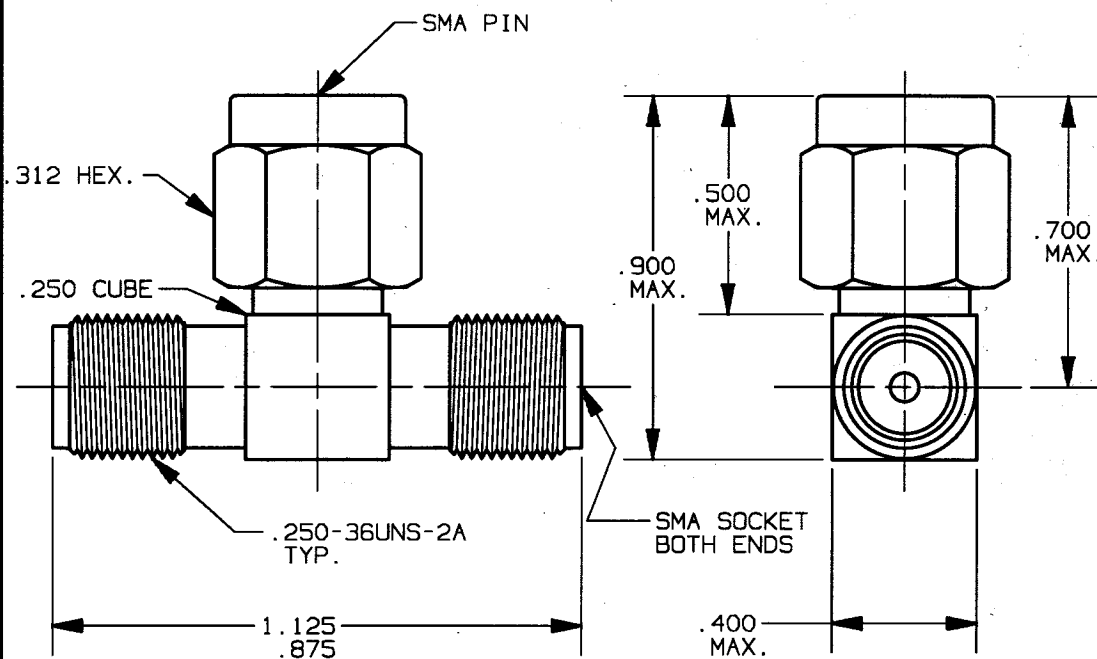


CONFIGURATION (TOLERANCE $\pm .005$ UNLESS OTHERWISE SPECIFIED)

SMA SERIES ADAPTER TEE F-M-F

MATERIAL & FINISH:

BODIES & COUPLING NUT: STAINLESS STEEL PER AMS-5640, UNS S30300, TYPE I PASSIVATED PER QQ-P-35C, TYPE II.

FEMALE CONTACT: BERYLLIUM COPPER PER ASTM-B196, COND. TD04, ALLOY UNS-C17300. GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1; OVER NICKEL PER QQ-N-290, CLASS 1.

MALE CONTACT: BRASS PER ASTM B16, ALLOY 360 UNS C36000, TEMPER H02. GOLD PLATED PER MIL-G-45204, TYPE 1, GRADE C, CLASS 1; OVER NICKEL PER QQ-N-290, CLASS 1.

INSULATORS: TEFLON PER ASTM-1457.

GASKET: SILICONE RUBBER PER ZZ-R-765, CLASS IIB, GRADE 50-60.

LOCK RING: BERYLLIUM COPPER PER ASTM-B196, COND. TD04, ALLOY UNS-C17300.

TEMP. RATING (DEGREES CENTIGRADE) -65° 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, METHOD 107, COND. C, -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 N/A

DWG. NO.

M55339/30-30101

ELECTRICAL:

NOMINAL IMPEDANCE (OHMS) 50
 FREQUENCY RANGE (GHZ) DC TO 12.4
 VOLTAGE RATING (MAX. VRMS) 335
 VSWR (MAX.) N/A
 INSERTION LOSS ($\times \sqrt{\text{F/GHZ}} = \text{DB MAX.}$) N/A
 RF LEAKAGE (MIN. DB DOWN) N/A
 RF HIGH POTENTIAL (MAX. VRMS) 670 AT 5 MHz
 DIELECTRIC WITHSTANDING VOLT. (MAX. VRMS) 1000
 INSULATION RESISTANCE (MIN. MEGOHMS) 5000
 CONTACT RESISTANCE:
 CENTER CONTACT (MAX. MILLIOHMS) 6.0
 OUTER CONTACT (MAX. MILLIOHMS) 2.0

MECHANICAL: PER MIL-A-55339/30 SERIES, AND S/V MD-107

INTERFACE DIMENSIONS 7 - 10 IN. LBS.
 RECOMMENDED MATING TORQUE 7 - 10 IN. LBS.
 CENTER CONTACT AXIAL FORCES:
 INSERTION (MAX. OUNCES) 48.0
 WITHDRAWAL (MIN. OUNCES) 1.0
 CONNECTOR DURABILITY (MIN. CYCLES) 500
 CONNECTOR ENGAGEMENT & DISENGAGEMENT (MAX. INCH LBS.) TORQUE 2.0
 CENTER CONTACT CAPTIVATION 6 LB. MIN. AXIAL FORCE
4 IN. OZ. MIN. TORQUE
 COUPLING PROOF TORQUE 15 LBS. MIN.

ENVIRONMENTAL:

SYM.	DESCRIPTION	DATE	APPR.	DRAWN:	APPROVED:
—	REL. NRN 22392	3/96	<i>Am</i>	DMB	<i>Am</i>
				DATE 3/7/96	DATE 3/13/96

SOLITRON/VECTOR

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 WEST PALM BEACH, FL 33407

DWG. NO.

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