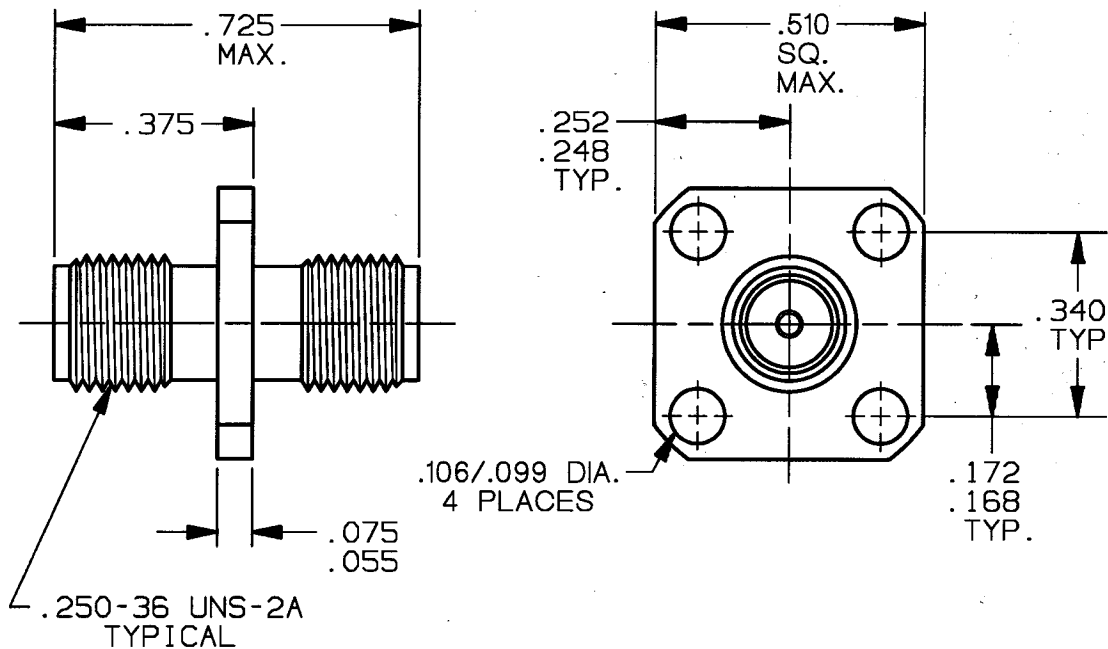


ENG. FILE COPY

CONFIGURATION: [TOLERANCE $\pm$.005 UNLESS OTHERWISE SPECIFIED]



SMA JACK TO JACK, 4 HOLE
FLANGE MT. PANEL ADAPTER

MATERIAL & FINISH:

BODY: STAINLESS STEEL PER AMS 5640, UNS S30300, TYPE 1: PASSIVATED PER QQ-P-35, TYPE II.

CONTACT: BERYLLIUM COPPER PER ASTM B 196, 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.

INSULATOR: TEFLON PER ASTM D1457

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. B, -65°C 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.

M55339/28-30002

ELECTRICAL:

NOMINAL IMPEDANCE (OHMS) 50
FREQUENCY RANGE (GHZ) DC TO 12.4
VOLTAGE RATING (MAX. VRMS) 335
VSWR (MAX.) 1.10 + .015 F [GHz]
INSERTION LOSS (DB MAX.) .15 $\sqrt{F}$ [GHz]
RF LEAKAGE (MIN. DB DOWN) 60
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) 8.0
OUTER CONTACT (MAX. MILLIOHMS) 4.0

MECHANICAL:

PER MIL-C-39012, MIL-STD
INTERFACE DIMENSIONS 348 AND S/V MD-107
RECOMMENDED MATING TORQUE 7-10 IN. LBS.
CENTER CONTACT AXIAL FORCES:
INSERTION (MAX. OUNCES) 48
WITHDRAWAL (MIN. OUNCES) 1
CONNECTOR DURABILITY (MIN. CYCLES) 500
CONNECTOR ENGAGEMENT & DISENGAGEMENT
(AXIAL FORCE - MAX. INCH LBS.) 2.0
CENTER CONTACT CAPTIVATION 6.0 LBS. MIN. AXIAL FORCE

ENVIRONMENTAL:

SYM.	DESCRIPTION	DATE	APPR.	DRAWN:	APPROVED:
—	REL. NRN 22293	1/96	<i>LM</i>	J. R. G.	<i>LM</i>
				DATE 1/17/96	DATE 1-19-96

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

DWG. NO.

M55339/28-30002