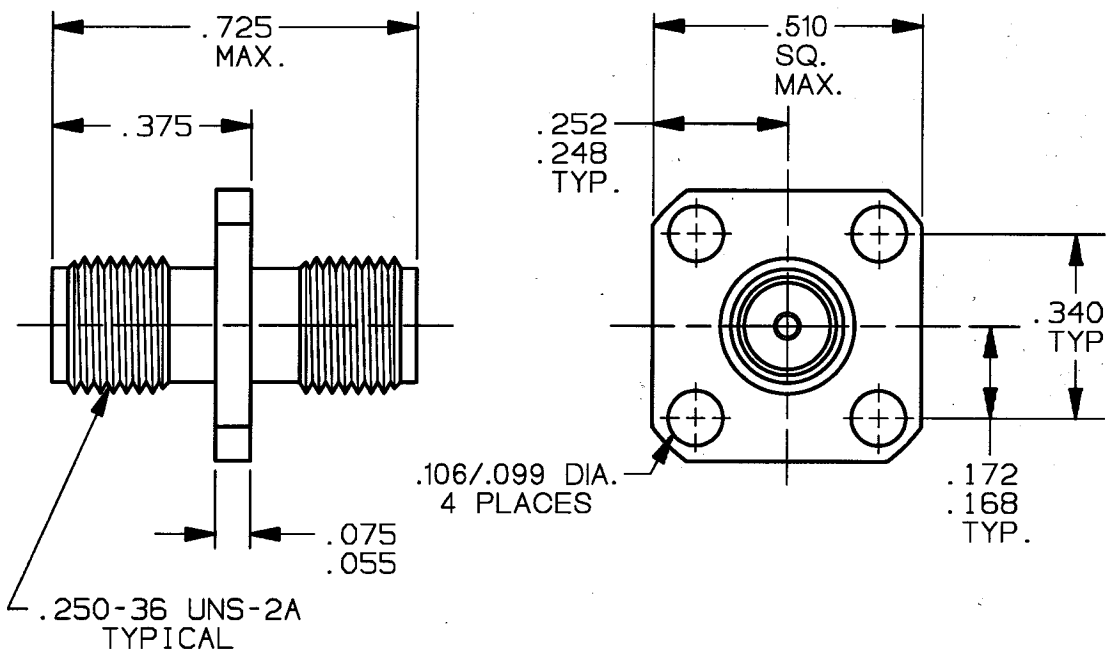


ENG. FILE COPY

CONFIGURATION: [TOLERANCE ± .005 UNLESS OTHERWISE SPECIFIED]

DWG. NO.

M55339/28-30002



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

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 √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:

INTERFACE DIMENSIONS	PER MIL-C-39012, MIL-STD 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:

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, -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

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

SYM.	DESCRIPTION	DATE	APPR.	DRAWN:	APPROVED:	SOLITRON/VECTOR MICROWAVE CAGE: 95077 3301 ELECTRONICS WAY WEST PALM BEACH, FL., 33407	DWG. NO. M55339/28-30002
—	REL. NRN 22293	1/96	<i>LM</i>	J. R. G.	<i>LM</i>		
				DATE 1/17/96	DATE 1-19-96		