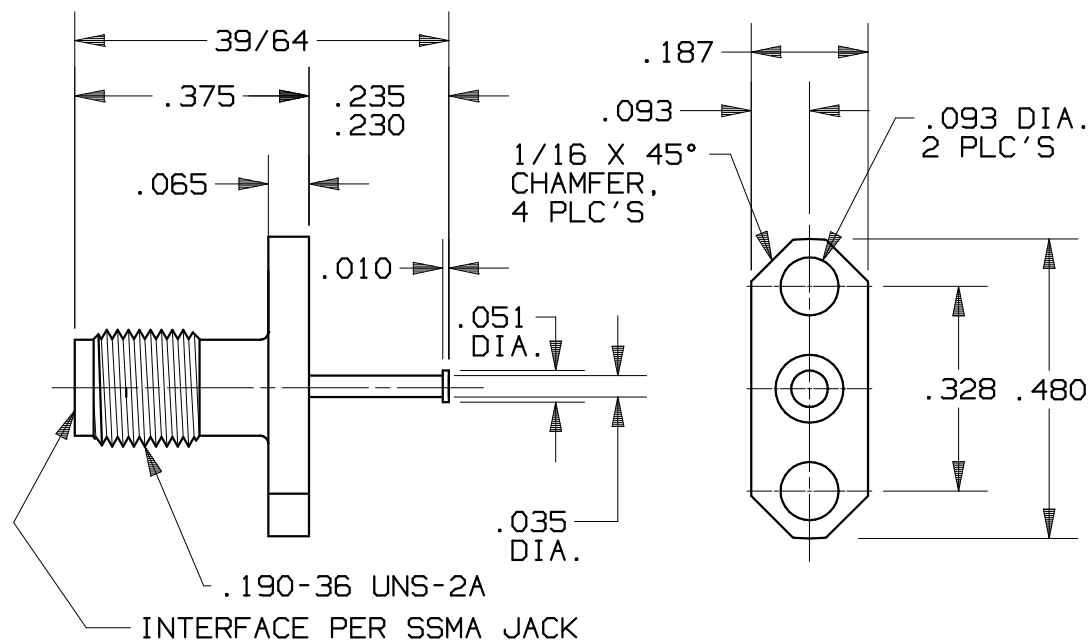


CONFIGURATION: (TOLERANCE +/- .005 U.O.S.)



SSMA, 2 HOLE, FLANGE MOUNT,
JACK, STRIPLINE TERMINAL

ELECTRICAL:

DWG. NO. 2753-6002

NOMINAL IMPEDANCE (OHMS) 50
 FREQUENCY RANGE (GHZ) DC TO 26.0 MAX
 VOLTAGE RATING (MAX. VRMS) 250
 VSWR (MAX.) N/A
 INSERTION LOSS (DB MAX.) N/A
 RF LEAKAGE (MIN. DB DOWN) 100 dB-fGHz
 RF HIGH POTENTIAL (MAX. VRMS) 500
 DIELECTRIC WITHSTANDING VOLT. (MAX. VRMS) 750
 INSULATION RESISTANCE (MIN. MEGOHMS) 5000
 CONTACT RESISTANCE:
 CENTER CONTACT (MAX. MILLIOHMS) 4.0
 OUTER CONTACT (MAX. MILLIOHMS) 2.0

MECHANICAL:

PER MIL-C-39012/SSMA
 INTERFACE DIMENSIONS SERIES & S/M MD-114
 RECOMMENDED MATING TORQUE 6 TO 8 INCH POUNDS
 CENTER CONTACT AXIAL FORCES:
 INSERTION (MAX. OUNCES) 40.0
 WITHDRAWAL (MIN. OUNCES) 1.0
 CONNECTOR DURABILITY (MIN. CYCLES) 500
 CONNECTOR ENGAGEMENT & DISENGAGEMENT
 (MAX. INCH POUNDS) 2.0
 CENTER CONTACT CAPTIVATION 6 LBS. MIN.

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 125° C)
 MOISTURE RESISTANCE (Mil-STD-202, METHOD 106, LESS STEP 7B)
 BAROMETRIC PRESSURE (ALTITUDE) Mil-STD-202, METHOD 105,
 COND. C. 70,000 FT., 190 VRMS
 HERMETICITY N/A

MATERIAL & FINISH:

BODY:
 STAINLESS STEEL PER AMS-5640, TYPE 303, COND A
 FINISH: GOLD PER MIL-G-45204, TYPE 1, GRADE C,
 CLASS 1; OVER NICKEL PER MIL-C-26074, CLASS 1.
 INSULATOR:
 TEFLON PER ASTM-D1710 AND L-P-403, TYPE 1.
 CONTACT:
 BERYLLIUM COPPER PER ASTM-B196, COND. TD04, ALLOY
 UNS-C17300.
 FINISH: GOLD PER MIL-G-45204, TYPE 1, GRADE C,
 CLASS 2; OVER COPPER PER MIL-C-14550, CLASS 4.

SYM.	DESCRIPTION	DATE	APPR.	REDRAWN:	APPROVED:
-	REL.F-11544	5/89	DG	MEB	DG
A	REV.DCN27161	7/01	STW	DATE 7/05/01	DATE 5/26/89

SV Microwave, Inc.
 3301 Electronics Way
 West Palm Beach, FL 33407

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