

- NOTES:
- 1.0 MATERIALS:
- 1.1 HOUSING: STAINLESS STEEL PER ASTM-A582, TYPE 303.
 - 1.2 CENTER CONTACT: BERYLLIUM COPPER ROD ALLOY C172, PER ASTM-B196.
 - 1.3 DIELECTRIC: PTFE FLUOROCARBON PER ASTM-D1710.

- 2.0 PLATING:
- 2.1 HOUSING & NUT: GOLD PLATE IAW ASTM-B488 TYPE 3, GRADE C, CLASS 1.27, OVER COPPER FLASH.
 - 2.2 CENTER CONTACT: GOLD PER MIL-PRF-39012,

- 3.0 ELECTRICAL SPECIFICATIONS:
- 3.1 FREQUENCY RANGE: DC to 18.0 GHz
 - 3.2 VSWR: $1.05 + .01f(\text{GHz})$ MAX.
 - 3.3 OPERATING TEMPERATURE RANGE: -55°C to $+125^{\circ}\text{C}$
 - 3.4 INPUT POWER
 - 0.5 WATTS AVG.
 - 50 WATTS PEAK
 - 3.4.1 AVERAGE INPUT POWER IS DERATED LINEARLY FROM 100% AT $+25^{\circ}\text{C}$ TO 25% AT SPECIFIED MAXIMUM AMBIENT OPERATING TEMPERATURE.
 - 3.5 IMPEDANCE: 50 OHMS
 - 3.6 WEIGHT: .25 Oz. MAX.

- 4.0 MARKING: MARK UNIT AS SHOWN (REF.: INK-09183-27-[49 or 50])

5 INK STAMP DATE CODE ON BACK FLATS AND SERIAL NUMBER ON END CAP:

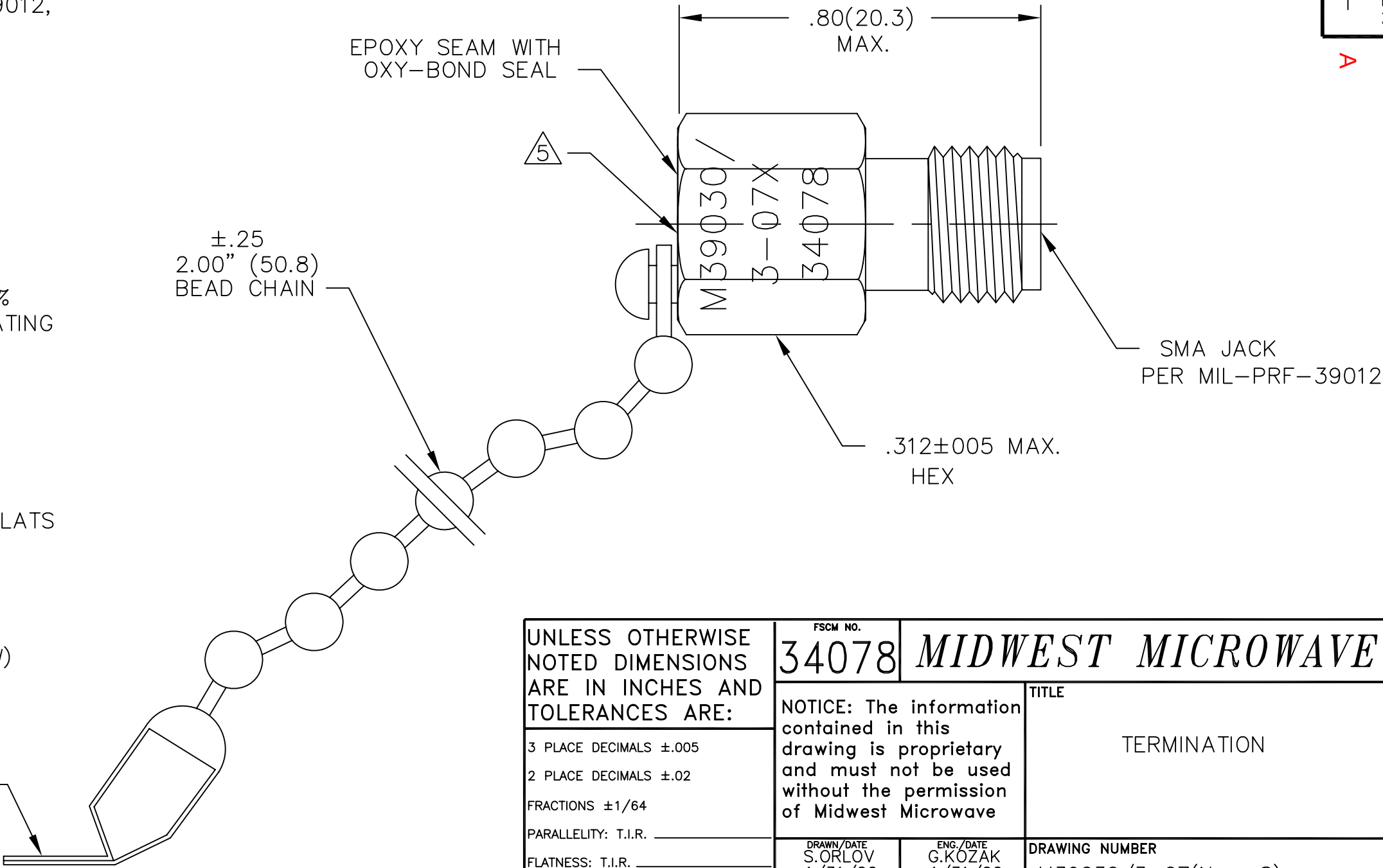
XXXX
YYWW

4-DIGIT
SERIAL NO.

YEAR(YY) & WEEK(WW)
OF PRODUCTION

.120/.140(3.0/3.6)
DIA THRU HOLE

- 6.0 TESTING:
TEST EACH UNIT PER ATP-07840-60-02
- 7.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.



MODEL NUMBER	REV.
M39030/3-07(N or S)	-
	A

REV.	DESCRIPTION	DATE
-	RELEASED	1/31/06

A ECN 21966 3/18/2009

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1'	FSCM NO. 34078	MIDWEST MICROWAVE	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE TERMINATION
	DRAWN/DATE S.ORLOV 1/31/06	ENG./DATE G.KOZAK 1/31/06	DRAWING NUMBER M39030/3-07(N or S)
	CHECKED/DATE	APPROVED/DATE	SCALE: 5=1 SHEET 1 of 1