

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-D1457.

2.0 PLATING:

- 2.1 HOUSING: GOLD PER MIL-G-45204 TYPE II, CLASS 1.
- 2.2 CENTER CONTACT: GOLD PER MIL-G-45204, TYPE II, CLASS 2

3.0 ELECTRICAL SPECIFICATIONS:

- 3.1 FREQUENCY RANGE: DC to 18.0 GHz
- 3.2 VSWR: 1.05+.01f(GHz) MAX.
- 3.3 OPERATING TEMPERATURE RANGE: -55°C to +125°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°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-[25 or 32])

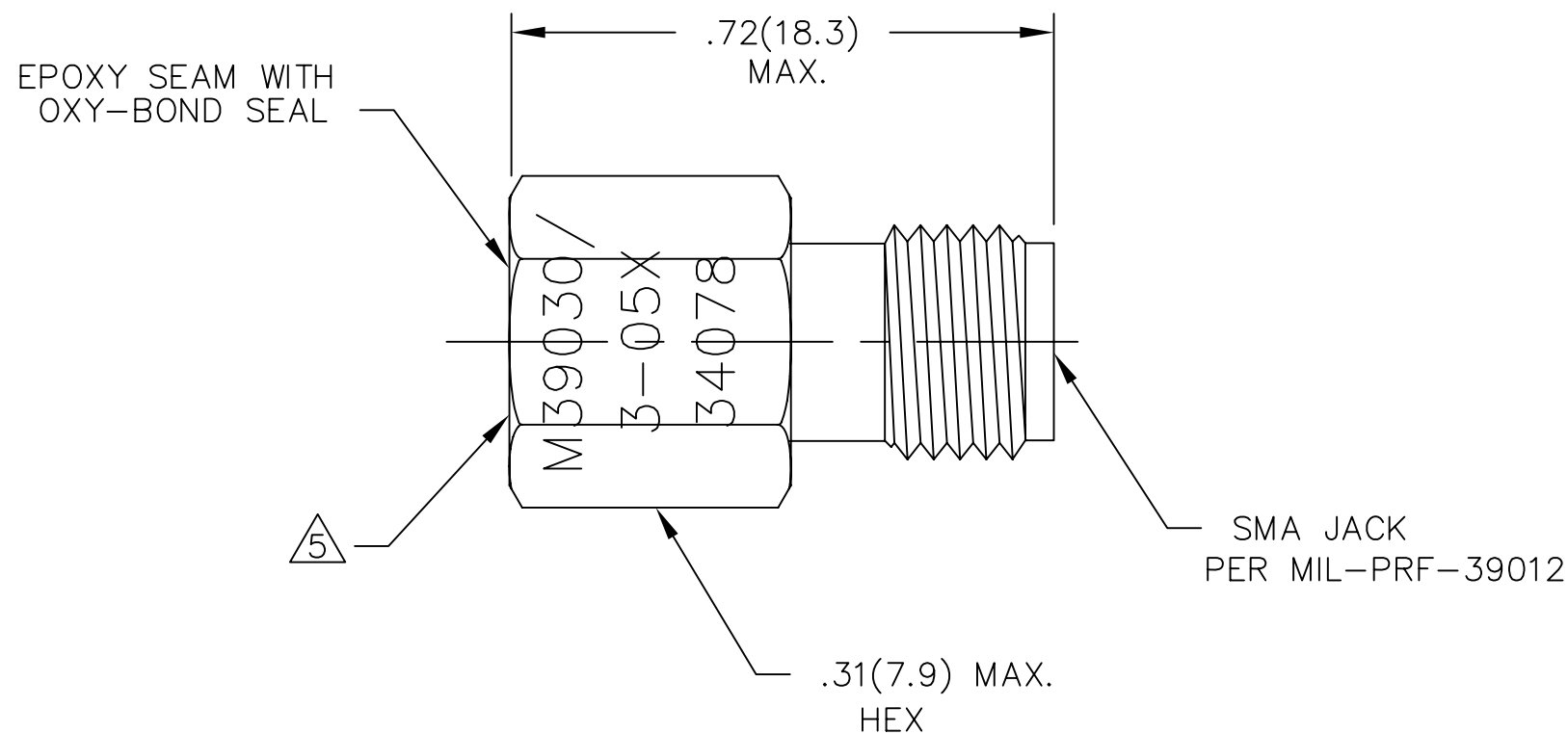
△ INK STAMP DATE CODE ON BACK FLATS AND SERIAL NUMBER ON END CAP:

XXXX
YYWW
4-DIGIT SERIAL NO.
YEAR(YY) & WEEK(WW) OF PRODUCTION

6.0 TESTING:

TEST EACH UNIT PER ATP-07840-60-02

7.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MODEL NUMBER	M39030/3-05(N or S)
REV.	D

REV.	DESCRIPTION	DATE
-	RELEASED	12/2/93
A	ECN 13500	4/8/94
B	ECN 15079	2/13/96
C	ECN 15594	11/18/96
D	ECN 17491	4/6/00

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 A. BEATTY 11/24/93	ENG./DATE G. KOZAK 12/2/93	DRAWING NUMBER M39030/3-05(N or S)	
CHECKED/DATE HOLLMANN 12/2/93	APPROVED/DATE	SCALE: 5=1	SHEET 1 of 1