

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 AND NUT: PASSIVATED PER MIL-F-14072 AND QQ-P-35.
- 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-[45 or 46])

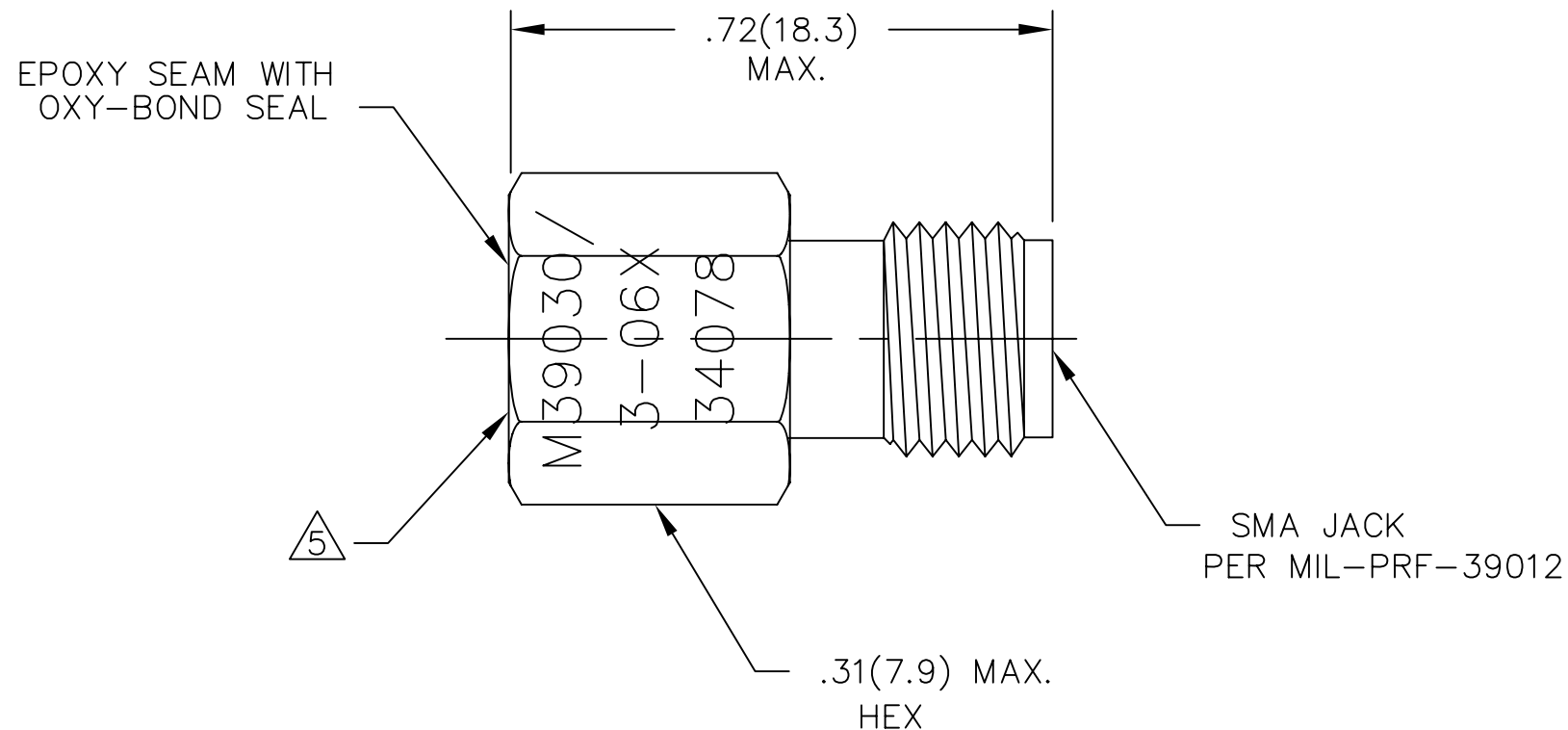
△ INK STAMP DATE CODE ON BACK FLATS AND SERIAL NUMBER ON END CAP:

XXXX — 4-DIGIT SERIAL NO.
YYWW — 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.



UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	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	
3 PLACE DECIMALS ±.005	DRAWN/DATE	S.ORLOV	ENG./DATE	DRAWING NUMBER	
2 PLACE DECIMALS ±.02	8/29/03		G.KOZAK	M39030/3-06(N or S)	
FRACTIONS ±1/64	CHECKED/DATE		APPROVED/DATE	SCALE: 5=1	
PARALLELITY: T.I.R. _____				SHEET 1 of 1	
FLATNESS: T.I.R. _____					
CONCENTRICITY: T.I.R. _____					
ANGLES AND PERPENDICULARITY: ±1'					

DATE	9/2/03
DESCRIPTION	RELEASED
REV.	-