

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 & 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 INPUT POWER

0.5 WATTS AVG.

50 WATTS PEAK

3.3.1 AVERAGE INPUT POWER IS DERATED

LINEARLY FROM 100% AT +25°C TO 25%
AT SPECIFIED MAXIMUM AMBIENT OPERATING
TEMPERATURE.

3.4 IMPEDANCE: 50 OHMS

3.5 WEIGHT: .25 Oz. MAX.

4.0 MARKING: MARK UNIT AS SHOWN

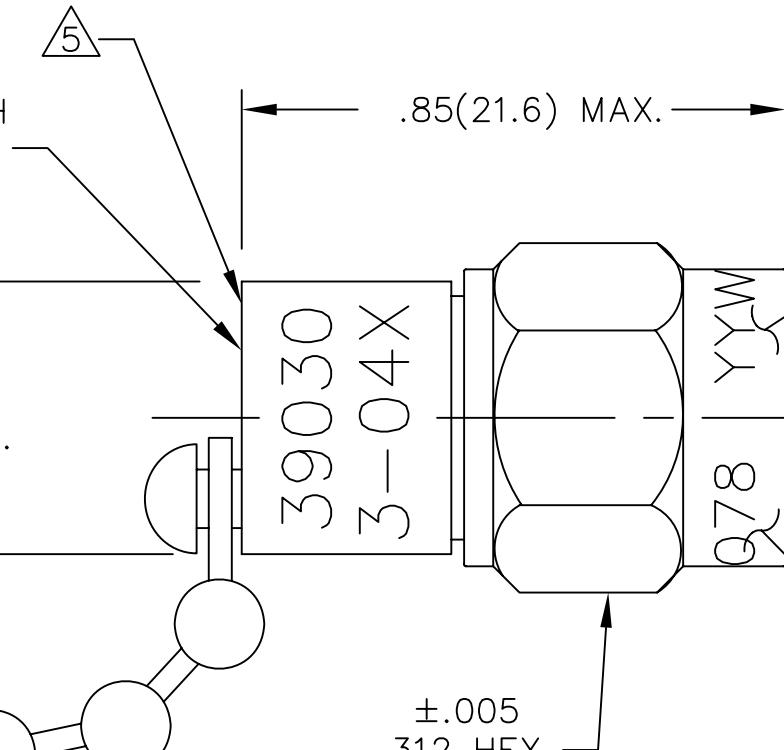
(REF.: INK-09183-27-[23 or 30])

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

$\pm .25$
2.00" (50.8)
BEAD CHAIN

EPOXY SEAM WITH
OXYBOND SEAL

.36(9.1)
DIA MAX.



5 ENGRAVE OR INKSTAMP 4-DIGIT SERIAL
NUMBER ON THIS SURFACE.

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.	TITLE	
3 PLACE DECIMALS $\pm .005$		34078	MIDWEST MICROWAVE	
2 PLACE DECIMALS $\pm .02$		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		
FRACTIONS $\pm 1/64$				
PARALLELITY: T.I.R. _____				
FLATNESS: T.I.R. _____		DRAWN/DATE A.BEATTY 11/24/93	ENG/DATE G.KOZAK 12/2/93	DRAWING NUMBER M39030/3-04(N or S)
CONCENTRICITY: T.I.R. _____		CHECKED/DATE M.HOLLMAN 12/2/93	APPROVED/DATE	SCALE: 5=1
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$				SHEET 1 of 1

REV.	DESCRIPTION	DATE
	RELEASED	12/2/93
-	A ECN 13361	2/18/94
	B ECN 13500	4/8/94
	C ECN 15079	2/13/96
	D ECN 15246	5/22/96
	D1 ADDED TITLEBLOCK	7/7/05

MODEL NUMBER
M39030/3-04(N or S)

REV.
D1

Mouser Electronics

Authorized Distributor

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