

- 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])
- 6.0 TESTING:
TEST EACH UNIT PER ATP-07840-60-02

7.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.
- EPOXY SEAM WITH
OXY-BOND SEAL

.72(18.3)
MAX.

M39030/
3-05X
34078

△5

.31(7.9) MAX.
HEX

SMA JACK
PER MIL-PRF-39012
- △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
- | 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 |
- | MODEL NUMBER | REV. |
|---------------------|------|
| M39030/3-05(N or S) | D |