

- 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<br>NOTED DIMENSIONS<br>ARE IN INCHES AND<br>TOLERANCES ARE:<br><br>3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>ANGLES AND PERPENDICULARITY: ±1° | FSCM NO.<br><b>34078</b>                                                                                                                         | <b>MIDWEST MICROWAVE</b>         |                                       |
|                                                                                                                                                                                                                                                                                  | NOTICE: The information<br>contained in this<br>drawing is proprietary<br>and must not be used<br>without the permission<br>of Midwest Microwave |                                  | TITLE<br><br>TERMINATION              |
|                                                                                                                                                                                                                                                                                  | DRAWN/DATE<br>A. BEATTY<br>11/24/93                                                                                                              | ENG./DATE<br>G. KOZAK<br>12/2/93 | DRAWING NUMBER<br>M39030/3-05(N or S) |
|                                                                                                                                                                                                                                                                                  | CHECKED/DATE<br>HOLLMANN<br>12/2/93                                                                                                              | APPROVED/DATE                    | SCALE: 5=1      SHEET 1 of 1          |
- | MODEL NUMBER        | REV. |
|---------------------|------|
| M39030/3-05(N or S) | D    |

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