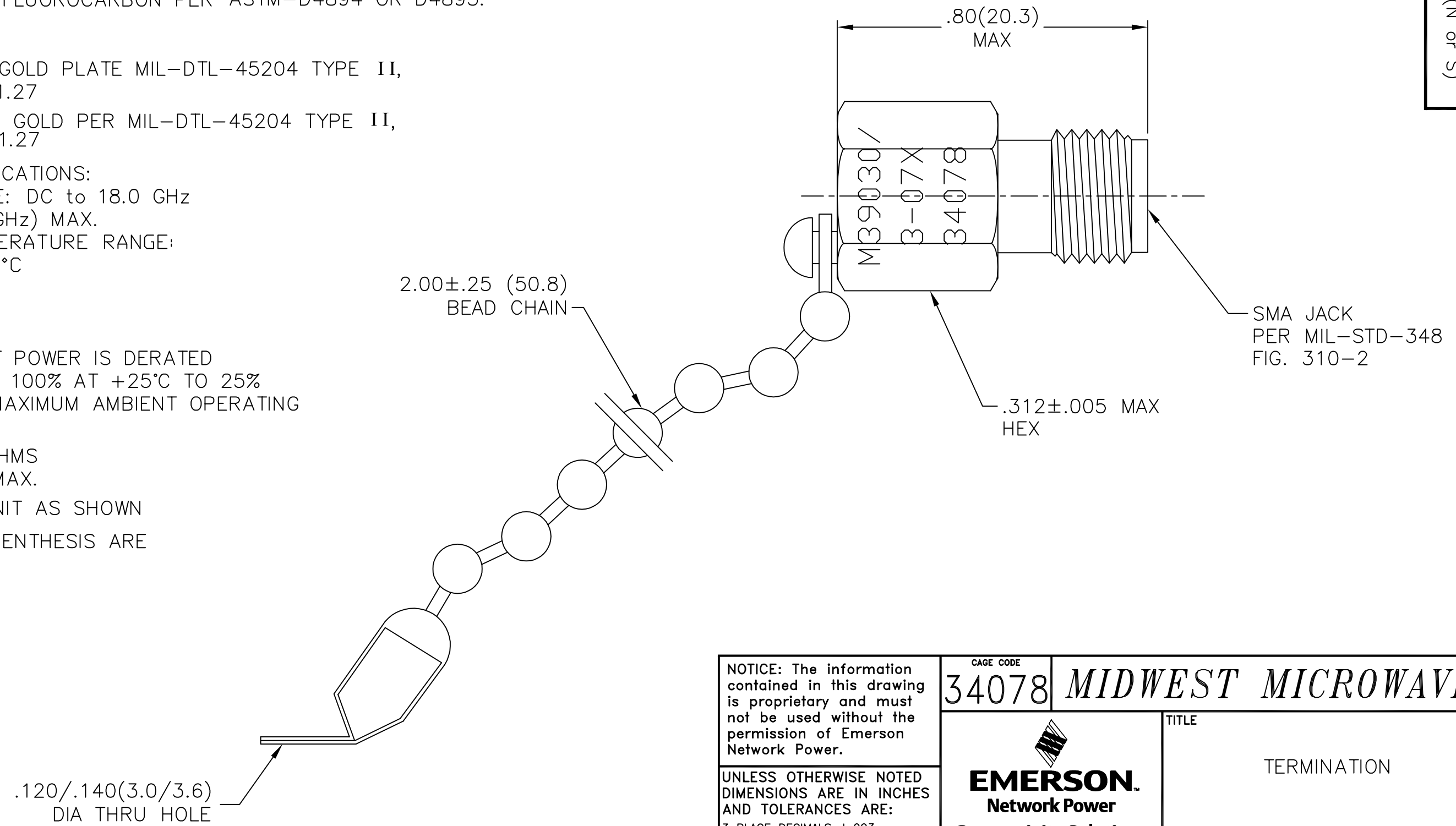


MODEL NUMBER  
M39030/3-07(N or S)

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-D4894 OR D4895.
- 2.0 PLATING:
  - 2.1 HOUSING & NUT: GOLD PLATE MIL-DTL-45204 TYPE II, GRADE C, CLASS 1.27
  - 2.2 CENTER CONTACT: GOLD PER MIL-DTL-45204 TYPE II, GRADE C, CLASS 1.27
- 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
- 5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



|   |  |   |  |  |  |
|---|--|---|--|--|--|
| NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.  |  | CAGE CODE<br><b>34078</b>                                     |  | <b>MIDWEST MICROWAVE</b>                 |  |
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>3 PLACE DECIMALS ±.003<br>2 PLACE DECIMALS ±.01<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>ANGLES AND PERPENDICULARITY: ±1' |  | <br><b>EMERSON</b><br>Network Power<br>Connectivity Solutions |  | TITLE<br>TERMINATION                     |  |
| DRAWN/DATE<br>S.ORLOV<br>1/31/06  |  | ENG./DATE<br>G.KOZAK<br>1/31/06                               |  | DRAWING NUMBER<br>M39030/3-07(N or S)-01 |  |
| CHECKED/DATE  |  | APPROVED/DATE   |  | REV.<br>A                                |  |
| SCALE: 5=1  |  | SHEET 1 of 1  |  |  |  |

|      |             |         |
|------|-------------|---------|
| REV. | DESCRIPTION | DATE    |
| -    | RELEASED    | 1/31/06 |
| A    | ECO 21966   | 3/18/09 |