

# NOTES:

## 1.0 MATERIALS:

- 1.1 HOUSING & NUTS: 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:

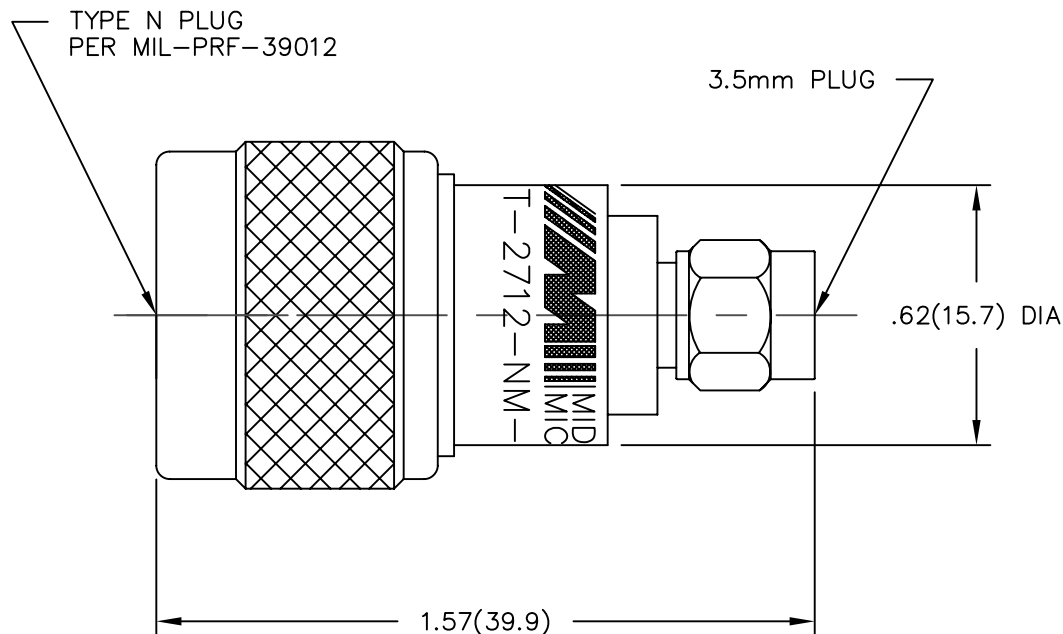
- 2.1 HOUSING & NUTS: PASSIVATED PER MIL-F-14072 & QQ-P-35.
- 2.2 CENTER CONTACT: GOLD PER MIL-G-45204, TYPE II, CLASS 2.

## 3.0 ELECTRICAL SPECIFICATIONS:

- 3.1 FREQUENCY RANGE: DC to 18.0 GHz
- 3.2 VSWR (MAX.):  
DC to 4.0 GHz: 1.04:1  
4.0 TO 8.0 GHz: 1.07:1  
8.0 to 18.0 GHz: 1.12:1
- 3.3 IMPEDANCE: 50 OHMS

## 4.0 MARKING: MARK UNIT AS SHOWN (REF: INK-02669-27-25)

## 5.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



MODEL NUMBER  
ADT-2712-NM-3MM-02

DWG. NO. WAS: 04457-01-00

| REV. | DESCRIPTION      | DATE     |
|------|------------------|----------|
| -    | RELEASED         | 3/3/83   |
| A    | ECR 2802         | 4/19/83  |
| B    | ECR 6545         | 7/24/88  |
| B1   | UPDATE MODEL #   | 8/10/88  |
| C    | UPDATE ON CAD    | 12/16/83 |
| D    | ECN 16983        | 2/16/99  |
| E    | ECN 17597        | 7/12/00  |
| E1   | ADDED TITLEBLOCK | 3/16/05  |

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

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°

|                                                               |                                               |                                                                      |                                  |
|---------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------|----------------------------------|
| CAGE CODE<br><b>34078</b>                                     |                                               | <b>MIDWEST MICROWAVE</b>                                             |                                  |
| <br><b>EMERSON</b><br>Network Power<br>Connectivity Solutions |                                               | TITLE<br><br>ADAPTER<br>3.5MM PLUG TO TYPE N PLUG<br>OUTLINE DRAWING |                                  |
|                                                               |                                               | DRAWING NUMBER<br>ADT-2712-NM-3MM-02-01                              | REV.<br>E1                       |
| <small>DRAWN/DATE</small><br>M.HOLLMAN<br>12/16/92            | <small>ENG/DATE</small><br>A.OSGA<br>12/18/92 | <small>CHECKED/DATE</small><br>A.BEATTY<br>12/18/92                  | <small>APPROVED/DATE</small><br> |
| SCALE: 5=1                                                    |                                               | SHEET 1 of 1                                                         |                                  |

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