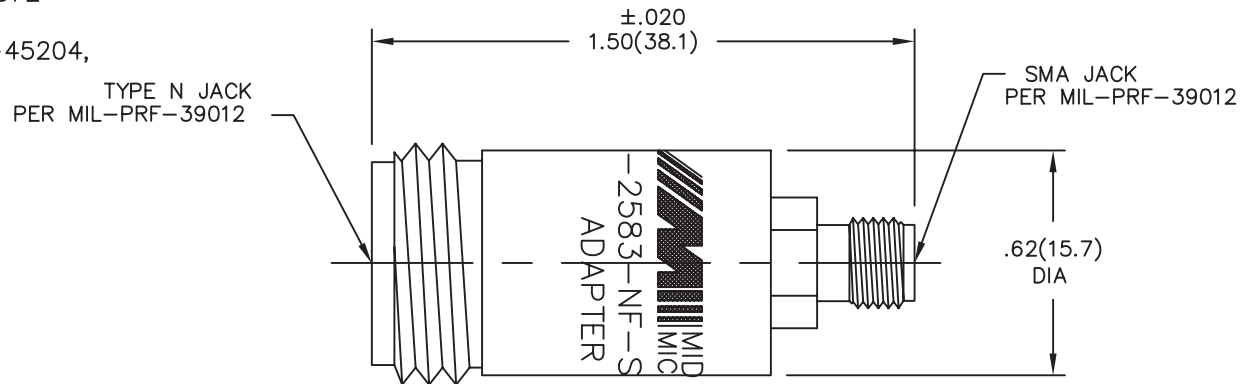


MODEL NUMBER  
ADT-2583-NF-SMF-02


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: 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 (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 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.
- 5.0 MARKING: MARK UNIT AS SHOWN (REF.: INK-02669-27-08)



DWG. NO. WAS: 02395-01-00

| REV. | DESCRIPTION      | DATE     |
|------|------------------|----------|
| -    | RELEASED         | 7/1/80   |
| A    | ECR 6545         | 6/30/89  |
| B    | ECR 10356        | 4/19/91  |
| C    | UPDATE ON CAD    | 11/13/92 |
| C1   | ADDED TITLEBLOCK | 3/9/05   |
| E    | ECO 22122        | 8/19/09  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |                                                                 |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------|
| <b>NOTICE:</b> The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.<br><br><b>UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:</b><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° | CAGE CODE<br><b>34078</b>                                                             | <b>MIDWEST MICROWAVE</b>                                        |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | TITLE<br>TYPE N FEMALE TO SMA FEMALE ADAPTER<br>OUTLINE DRAWING |           |
| DRAWN/DATE<br>A.BEATTY<br>11/13/92                                                                                                                                                                                                                                                                                                                                                                                                     | ENG./DATE<br>A.OSGA<br>11/17/92                                                       | DRAWING NUMBER<br>ADT-2583-NF-SMF-02-01                         |           |
| CHECKED/DATE<br>M.HOLLMAN<br>11/17/92                                                                                                                                                                                                                                                                                                                                                                                                  | APPROVED/DATE                                                                         | SCALE: 5=1                                                      | REV.<br>E |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       | SHEET 1 of 1                                                    |           |