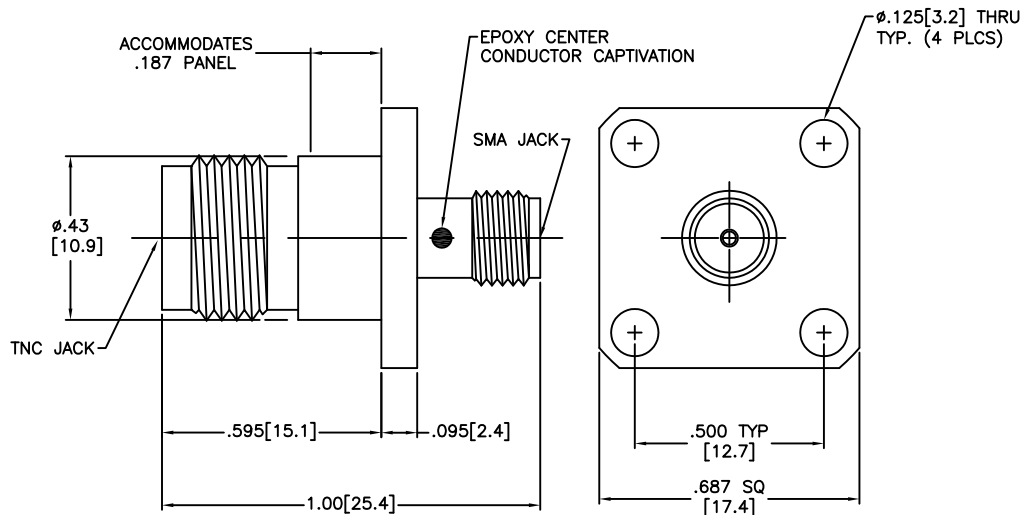


NOTES:

- 1.0 MATERIALS:  
 1.1 HOUSING: STAINLESS STEEL PER ASTM-A582, TYPE 303.  
 1.2 CENTER CONTACT: BERYLLIUM COPPER ROD ALLOY C172, PER ASTM-B194.  
 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-18.0 GHz  
 3.2 VSWR MAX.: 1.07 + .015 f(GHz)
- 4.0 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.



DESIGNED TO MEET ENVIRONMENTAL SPECIFICATIONS.

TEMPERATURE RANGE: OPERATING -55°C TO +125°C  
 NON-OPERATING -65°C TO + 125°C

THERMAL SHOCK: MIL-STD-202G METHOD 107, TEST CONDITION B, 5 CYCLES, -65°C TO +125°C.

VIBRATION: MIL-STD-202G METHOD 204, TEST CONDITION B  
 .06" DOUBLE AMPLITUDE DISPLACEMENT 10-70 Hz  
 15 G's PEAK 70-200 Hz  
 12 CYCLES (10-2000-10 Hz) EACH AXIS FOR 20 MIN PER CYCLE.

SHOCK: MIL-STD-202G METHOD 213, TEST CONDITION J  
 1/2 SINE, 30 G's, 11 MILLISECOND DURATION.  
 3 SHOCK PULSES IN EACH DIRECTION ALONG 3  $\perp$  AXIS. TOTAL 18 PULSES

HUMIDITY: MIL-STD-202G METHOD 106, EXCEPT FOR STEPS 7A & 7b  
 98% RELATIVE HUMIDITY, 25°C TO 65°C, 10 CYCLES, 240 HRS

SALT SPRAY: (CORROSION) MIL-STD-202G METHOD 101, TEST CONDITION B (48 HRS)

TEMPERATURE/ALTITUDE: 70,000ft. -65°C TO +115°C  
 1. +25°C 1 ATM. STABILIZED  
 2. -65°C 1 ATM. 1 HOUR COLD SOAK  
 3. -55°C 70,000FT. STABILIZED  
 4. -10°C 1ATM. FORM FROST  
 5. +115°C 70,000FT 1 HOUR HOT SOAK  
 6. +25°C 1ATM. STABILIZED

RFI LEAKAGE: -40 dBc

| REV. | DESCRIPTION | DATE    |
|------|-------------|---------|
| A    | RELEASED    | 1/5/92  |
| B    | ECN 17740   | 12/8/00 |
| C    | ECN 18242   | 12/3/01 |
| D    | ECN 21002   | 9/8/06  |
| E    | ECO 24440   | 9/12/12 |

|   |                                   |                                 |                                      |              |
|---|-----------------------------------|---------------------------------|--------------------------------------|--------------|
| NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.<br><br>UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>3 PLACE DECIMALS $\pm.005$<br>2 PLACE DECIMALS $\pm.02$<br>FRACTIONS $\pm 1/64$<br>PARALLELITY: T.I.R.<br>FLATNESS: T.I.R.<br>CONCENTRICITY: T.I.R.<br>ANGLES AND PERPENDICULARITY: $\pm 1'$ | CASE CODE<br><b>34078</b>         | <b>MIDWEST MICROWAVE</b>        |                                      |              |
|   |                                   |                                 | TITLE<br>ADAPTER<br>OUTLINE DRAWING  |              |
|   | DRAWN BY<br>A.BEAULT<br>1/7/92    | DESIGNED BY<br>A.OSGA<br>1/9/92 | DRAWING NUMBER<br>ADT-2699-TF-SMF-02 | REV.<br>E    |
|   | CHECKED BY<br>D.SIEWERT<br>1/9/92 | APPROVED DATE<br>M.H.<br>9/6/06 | SCALE: 5=1                           | SHEET 1 of 1 |