

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.

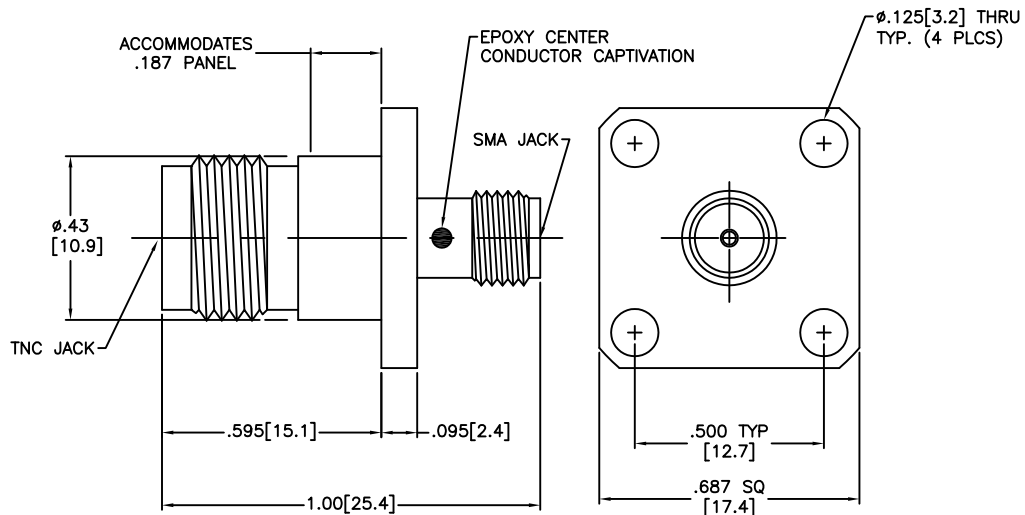
2.0 PLATING:

- 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 |

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