

- NOTES:
- 1.0 MATERIALS:

1.1 HOUSING & NUT: 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 & NUT: PASSIVATED PER MIL-F-14072
AND QQ-P-35

2.2 CENTER CONTACT: GOLD PER MIL-G-45204,
TYPE II, CLASS 2.

3.0 MECHANICAL:

3.1 INTERFACE DIMENSIONS PER MIL-STD-348
FIGS 310-1 AND SMM JACK

3.2 CENTER CONTACT CAPTURED IN ACCORDANCE
MIL-A-55339

4.0 DIMENSIONS IN BRACKETS ARE MILLIMETERS.

5.0 MAX V.S.W.R.:


DC to 12.4 GHz: 1.06+.009f(GHz)

12.4 to 25.0 GHz: 1.05+.01f(GHz)

ALL OTHER MECHANICAL, ELECTRICAL, AND
ENVIRONMENTAL CHARACTERISTICS ARE IN
ACCORDANCE WITH MIL-A-55339

The diagram is a side-view technical drawing of a cylindrical adapter. On the left, a threaded section is labeled 'SMM JACK'. The main body of the adapter has a central longitudinal hole. On the right, a flange is labeled 'SMA PLUG'. Dimension lines indicate the following: a total length of .706 ±.020 [17.9] inches; a hexagonal section on the left with a width of .250 [6.4] inches; and a hexagonal section on the right with a width of .312 [7.9] inches. A dashed centerline runs through the middle of the part.

REV.	DESCRIPTION	DATE
-	RELEASED	3/24/95
-1	ADDED TITLEBLOCK	3/17/05

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.		CAGE CODE 34078		MIDWEST MICROWAVE	
		 EMERSON Network Power Connectivity Solutions		TITLE ADAPTER SMM JACK TO SMA PLUG OUTLINE DRAWING	
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°		DRAWN/DATE A.BEATTY 3/21/95	ENG./DATE A.OSGA 3/24/95	DRAWING NUMBER ADT-2846-SM-MMF-02-01	
		CHECKED/DATE P.GOODMAN 3/23/95	APPROVED/DATE	SCALE: 5=1	REV. -1
		SHEET 1 of 1			

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