

MODEL NUMBER  
CPL-5214-10-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

1.1 FREQUENCY RANGE: 4.0 to 8.0 GHz

1.2 FREQ. SENSITIVITY:  $\pm 0.50$ dB

1.3 COUPLING: 10dB  $\pm 1.0$

1.4 VSWR (MAX): 1.25:1

1.5 INSERTION LOSS (EXC. COUPLED POWER):  
0.35dB MAX.

1.6 DIRECTIVITY: 20dB MIN.

1.7 POWER: INPUT: 50 WATTS

REF: 10 WATTS

PEAK: 4,000 WATTS

1.8 RF IMPEDANCE: 50 OHMS

1.9 WIEGHT: 0.60 Oz (17.0 GRAMS)

2.0 FINISHING:

2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2

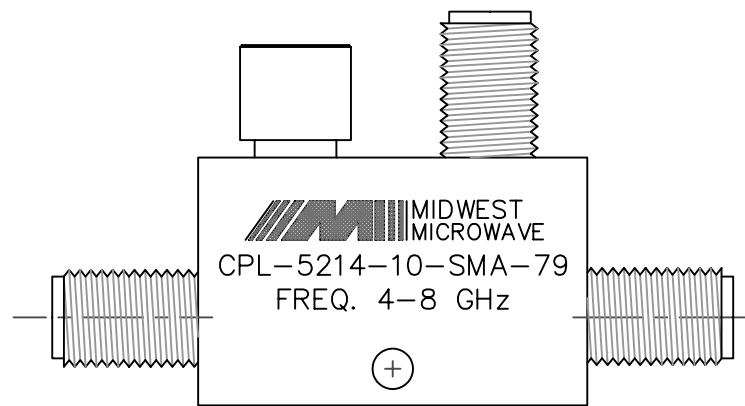
OVER MIL-C-5541 CLASS 3A

MEETS MIL-F-14072

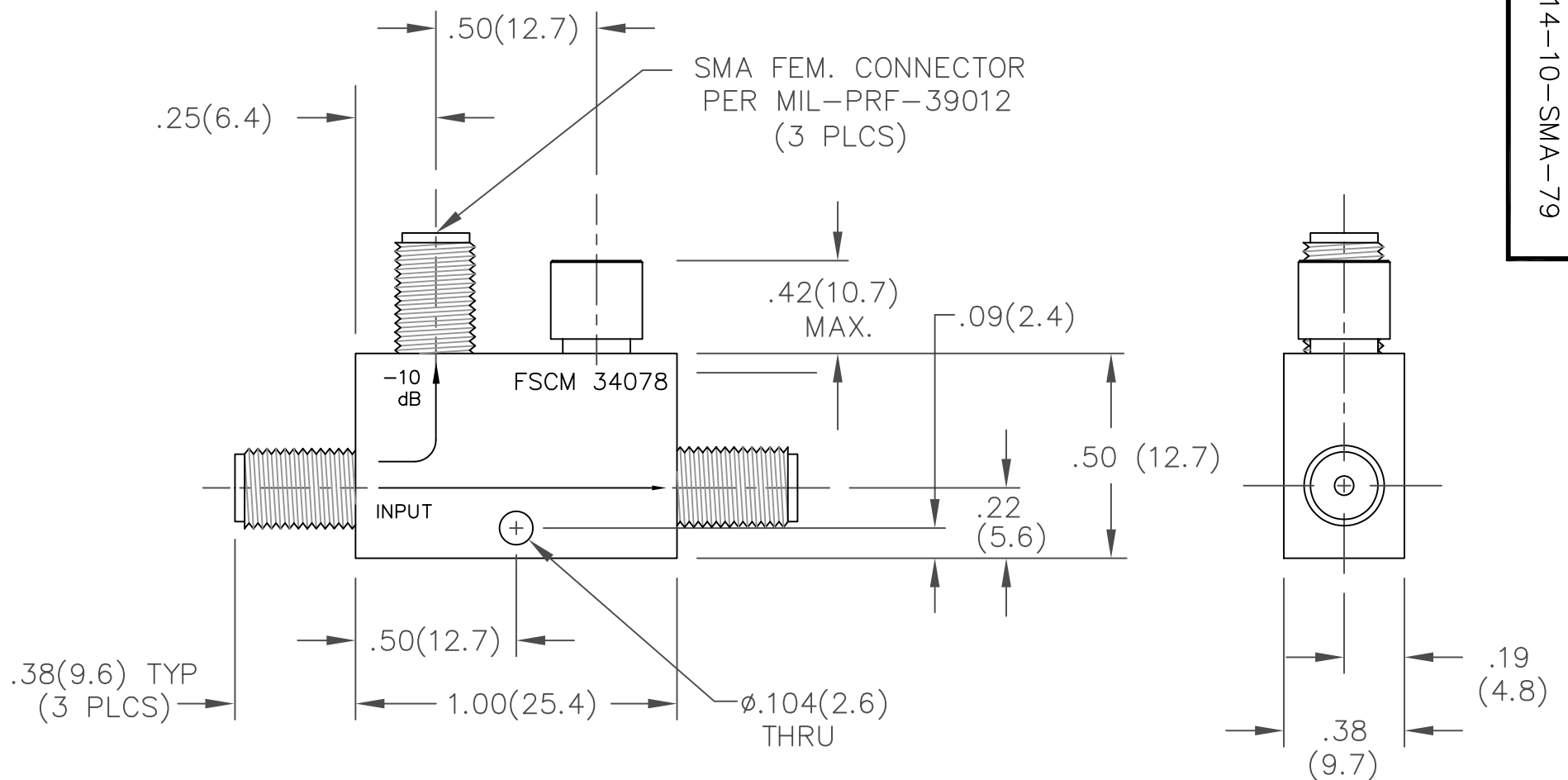
MEETS MIL-E-5400 AND MIL-E-16400V.

2.2 MARK UNIT AS SHOWN.

3.0 DIMENSIONS IN PARENTHESIS ARE  
IN MILLIMETERS.



BACKSIDE MARKING



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  $\pm .005$   
2 PLACE DECIMALS  $\pm .02$   
FRACTIONS  $\pm 1/64$   
PARALLELITY: T.I.R. \_\_\_\_\_  
FLATNESS: T.I.R. \_\_\_\_\_  
CONCENTRICITY: T.I.R. \_\_\_\_\_  
ANGLES AND PERPENDICULARITY:  $\pm 1^\circ$

CAGE CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
 <b>EMERSON</b> Network Power Connectivity Solutions		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5214-10-SMA-79-01	
DRAWN/DATE A.BEATTY 8/9/91	ENG./DATE T.MATTHEWS 8/13/91	REV. F	
CHECKED/DATE C.RICKARD 8/12/91	APPROVED/DATE	SCALE: 2=1	SHEET 1 of 1