

MODEL NUMBER
CPL-5214-30-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

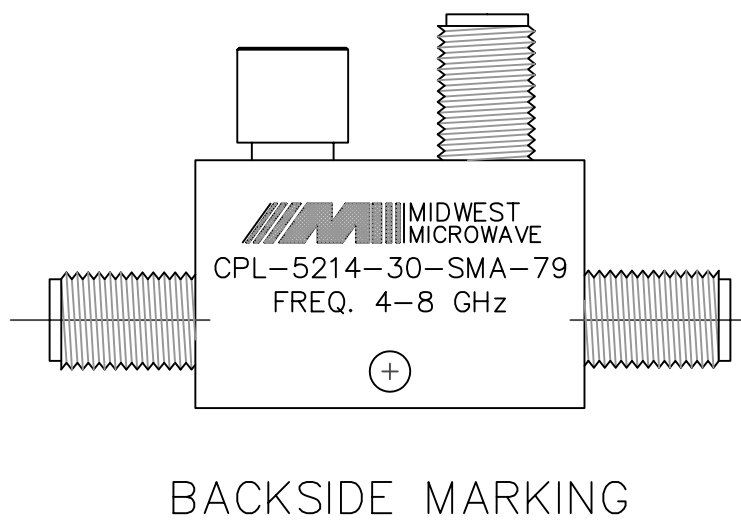
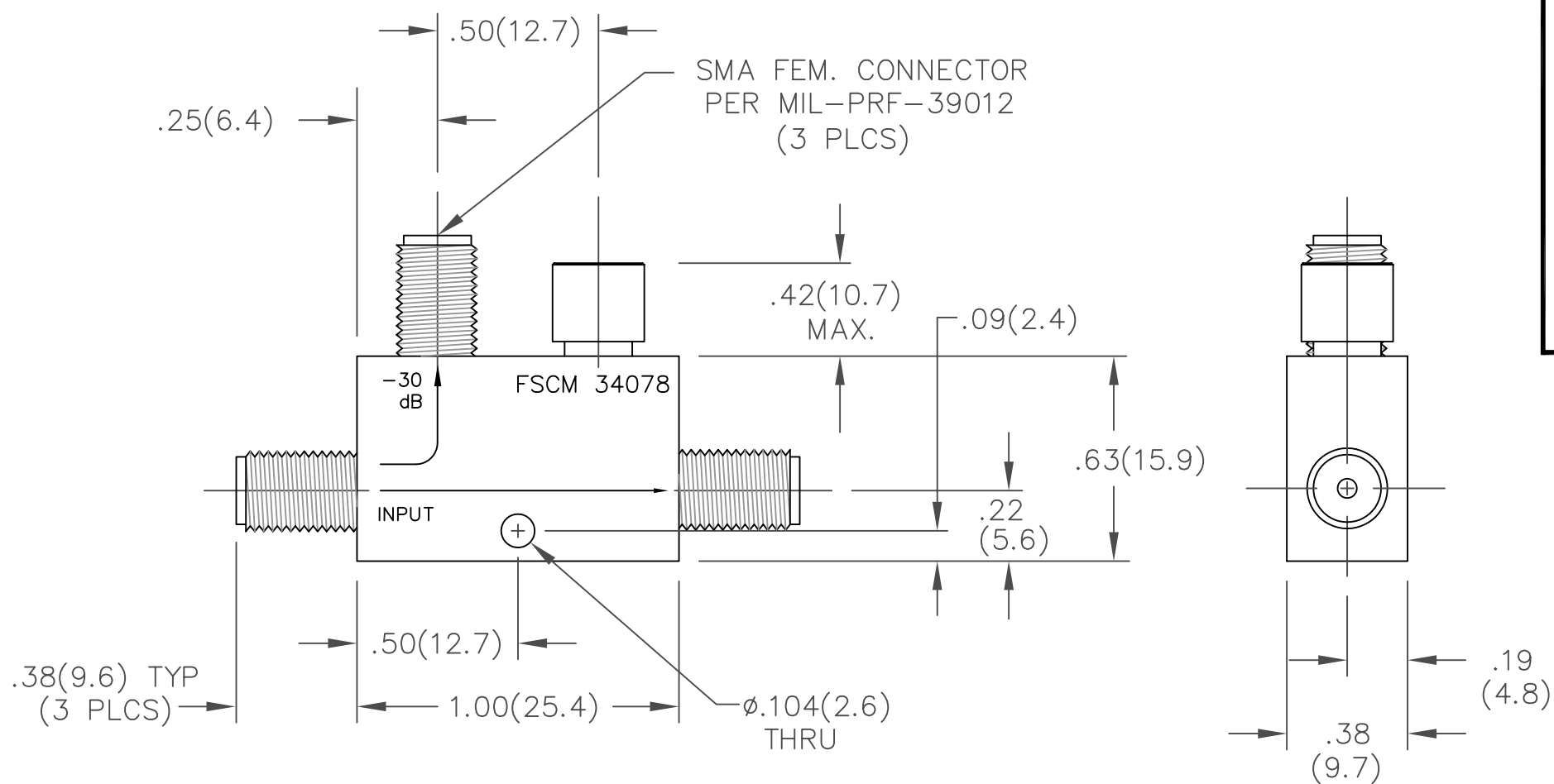
- 1.1 FREQUENCY RANGE: 4.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 0.50 dB
- 1.3 COUPLING: 30 ± 1.0 dB
- 1.4 VSWR (MAX): 1.25:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER):
0.35dB MAX.
- 1.6 DIRECTIVITY: 20dB MIN.
- 1.7 POWER WATTS: INPUT: 50
REF: 50
PEAK: 4000

- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT: 0.67 (19 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.



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: $\pm 1'$

CAGE CODE 34078		MIDWEST MICROWAVE	
 EMERSON Network Power Connectivity Solutions		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5214-30-SMA-79-01	
DRAWN/DATE A.BEATTY 8/9/91		ENG./DATE T.MATTHEWS 8/13/91	
CHECKED/DATE C.RICKARD 8/12/91		APPROVED/DATE	
SCALE: 2=1		SHEET 1 of 1	
REV. A		REV. A	

DATE	8/13/91	12/07/10
DESCRIPTION	RELEASED	ECO 22972
REV.	-	A