

MODEL NUMBER  
CPL-5214-30-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

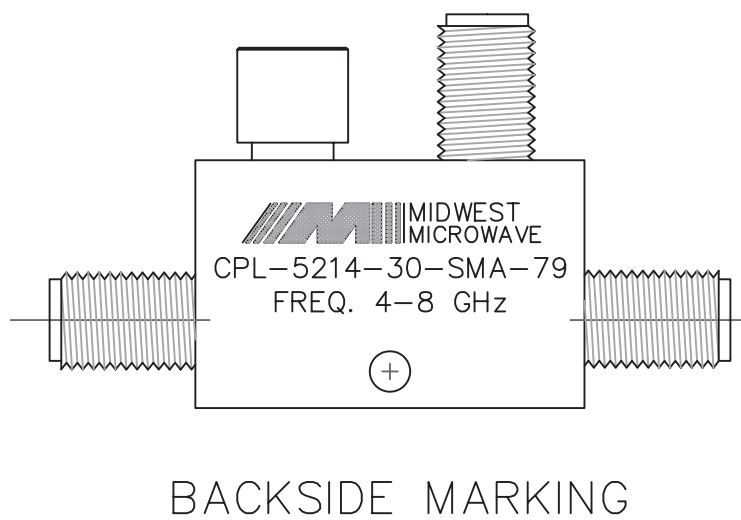
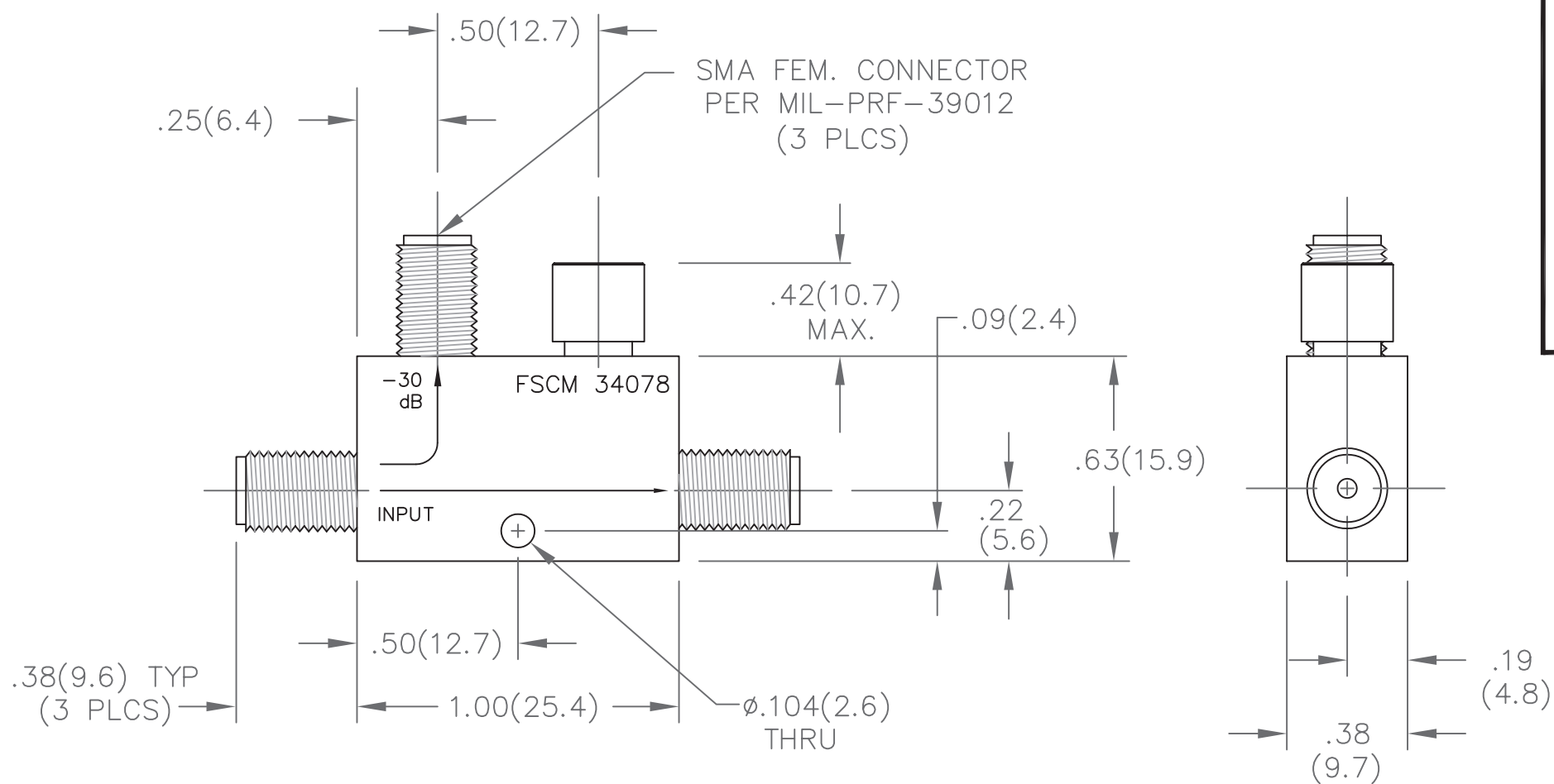
- 1.1 FREQUENCY RANGE: 4.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.50$ dB
- 1.3 COUPLING:  $30 \pm 1.0$ dB
- 1.4 VSWR (MAX): 1.25:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER):  
0.35dB MAX.
- 1.6 DIRECTIVITY: 20dB MIN.
- 1.7 POWER WATTS: INPUT: 50  
REF: 50  
PEAK: 4000

- 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 Cinch Connectivity Solutions.**

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>cinch</b> CONNECTIVITY SOLUTIONS a bel group		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5214-30-SMA-79-01	REV. A
DRAWN/DATE A.BEATTY 8/9/91	ENG./DATE T.MATTHEWS 8/13/91	SCALE: 2=1 SHEET 1 of 1	
CHECKED/DATE C.RICKARD 8/12/91	APPROVED/DATE		

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