

MODEL NUMBER  
CPL-5214-06-SMA-79

NOTES:

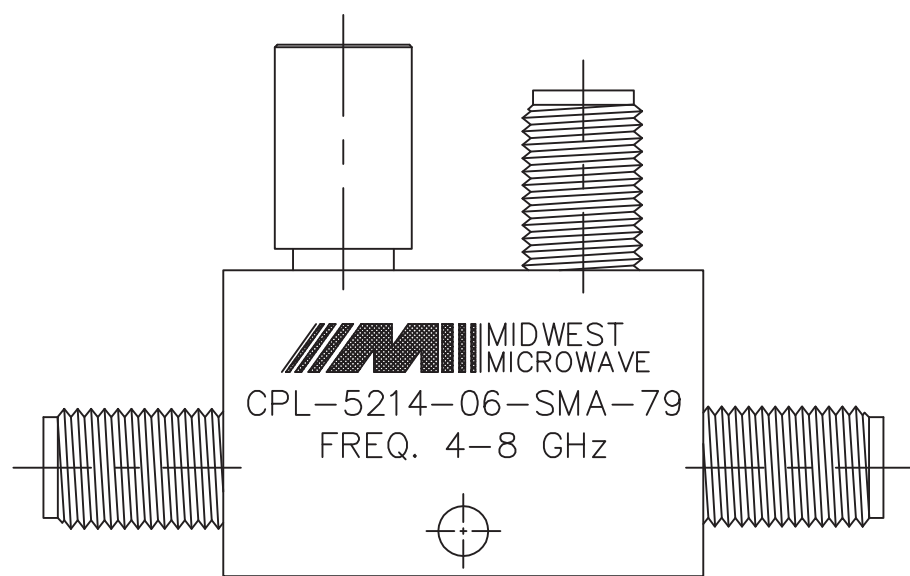
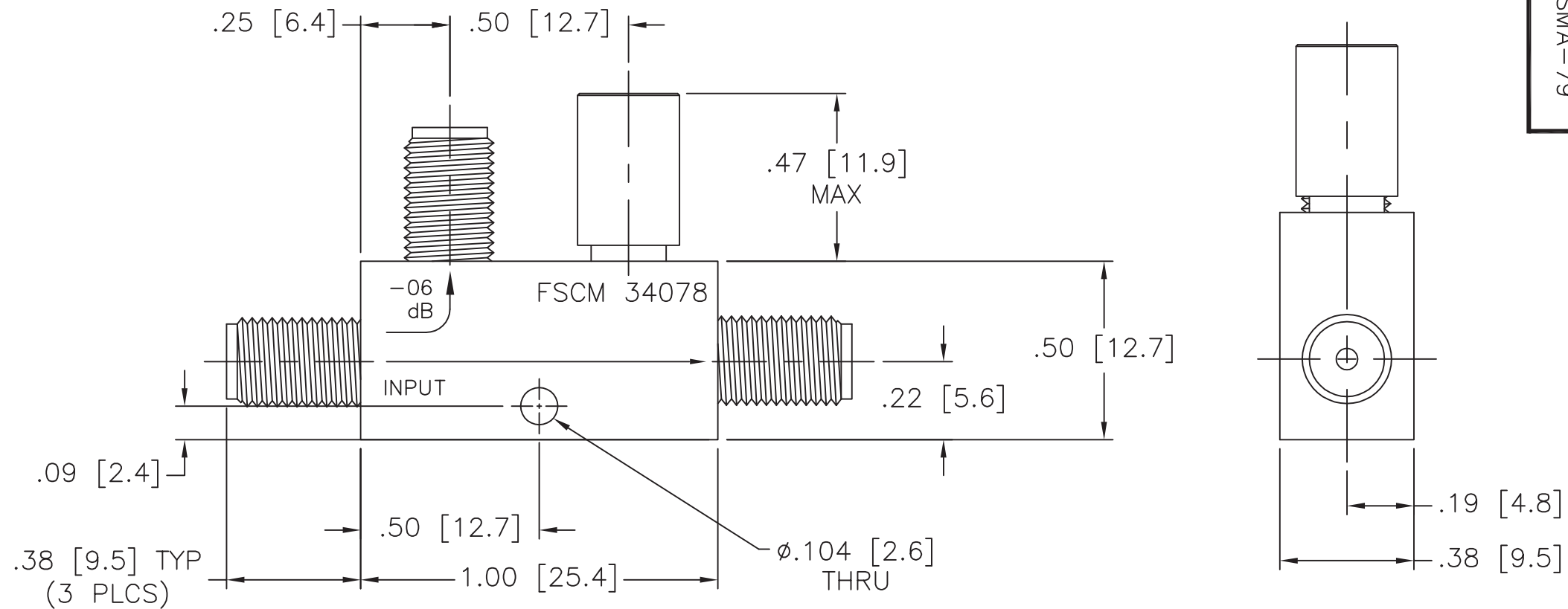
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 4.0 TO 8.0 GHz.
- 1.2 FREQ. SENSITIVITY:  $\pm 0.50$ dB
- 1.3 COUPLING: 6dB $\pm 1.0$
- 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.: 4 WATTS  
 PEAK: 4000 WATTS
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT: 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. REF.: SLK-09341-82-16

3.0 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.




BACKSIDE MARKING

REV.	DESCRIPTION	DATE
-	RELEASED	8/13/91
A	ECN 15615	12/4/96
A1	ADD TITLEBLOCK	4/15/05
C	ECO 22968	12/6/10

**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:  $\pm 2'$

CAGE CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
		TITLE DIRECTIONAL COUPLER	
		DRAWING NUMBER CPL-5214-06-SMA-79-01	REV. C
DRAWN/DATE A. BEATTY 8/9/91	ENG./DATE T. MATTHEWS 8/13/91	SCALE: 2.5:1	SHEET 1 of 1