

MODEL NUMBER  
CPL-5222-16-SMA-79

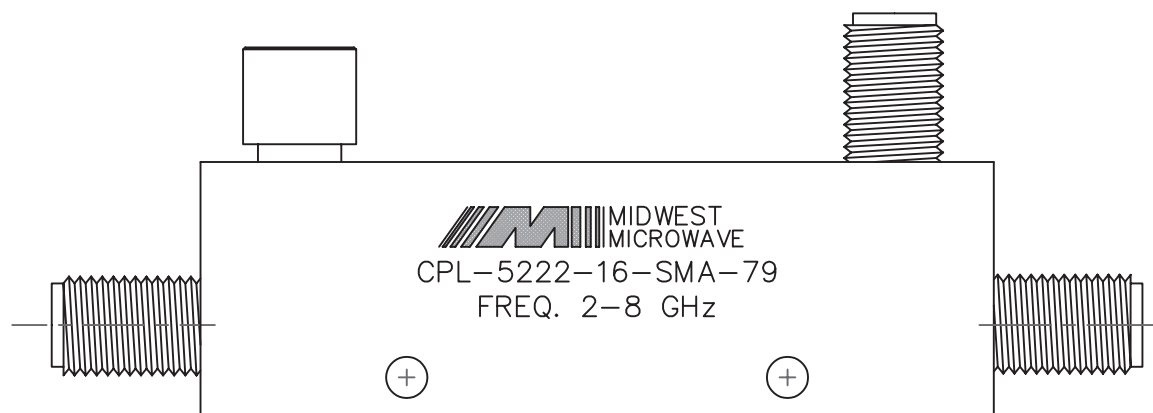
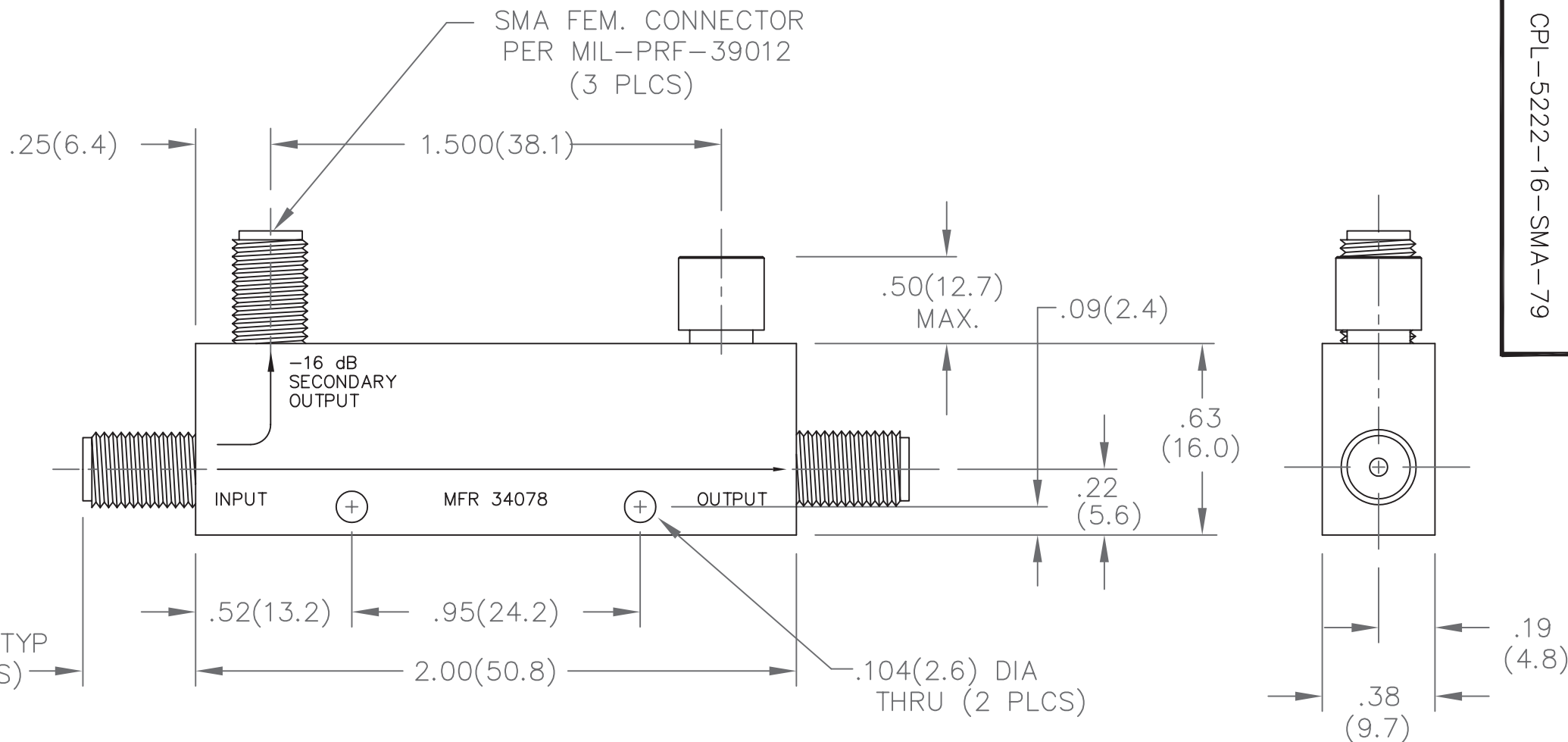
NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.50$ dB
- 1.3 COUPLING: 16dB  $\pm 1.0$ dB
- 1.4 VSWR (MAX): 1.25:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB
- 1.6 DIRECTIVITY: 20dB MIN.
- 1.7 POWER:
  - AVG.: 50 WATTS
  - PEAK: 3 KILOWATT
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT: 1.30 Oz (36.9 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  $\pm 0.005$   
2 PLACE DECIMALS  $\pm 0.02$   
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>	
		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5222-16-SMA-79-01	
DRAWN/DATE A.BEATTY 10/23/91	ENG./DATE CATALANO 10/24/91	REV. E	
CHECKED/DATE A.BEATTY 10/23/91	APPROVED/DATE	SCALE: 2:1	SHEET 1 of 1

DATE	11/15/10
DESCRIPTION	ECO 22846
REV.	E