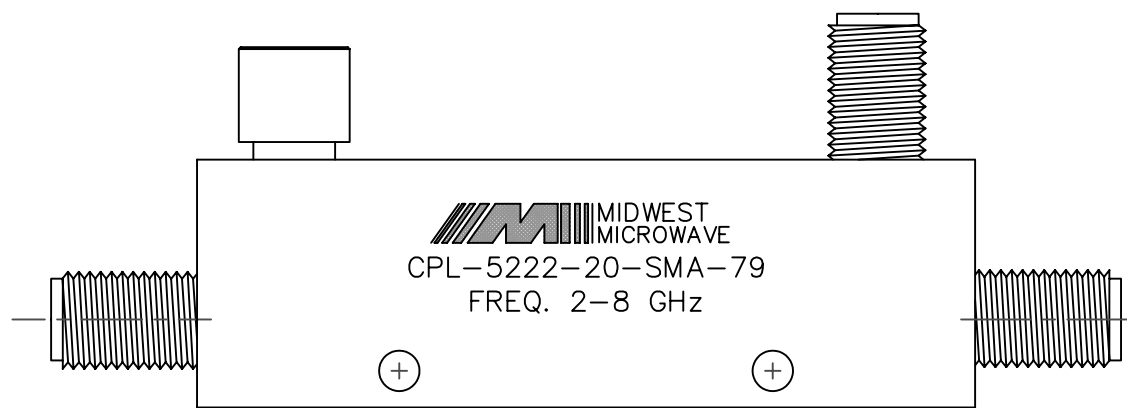
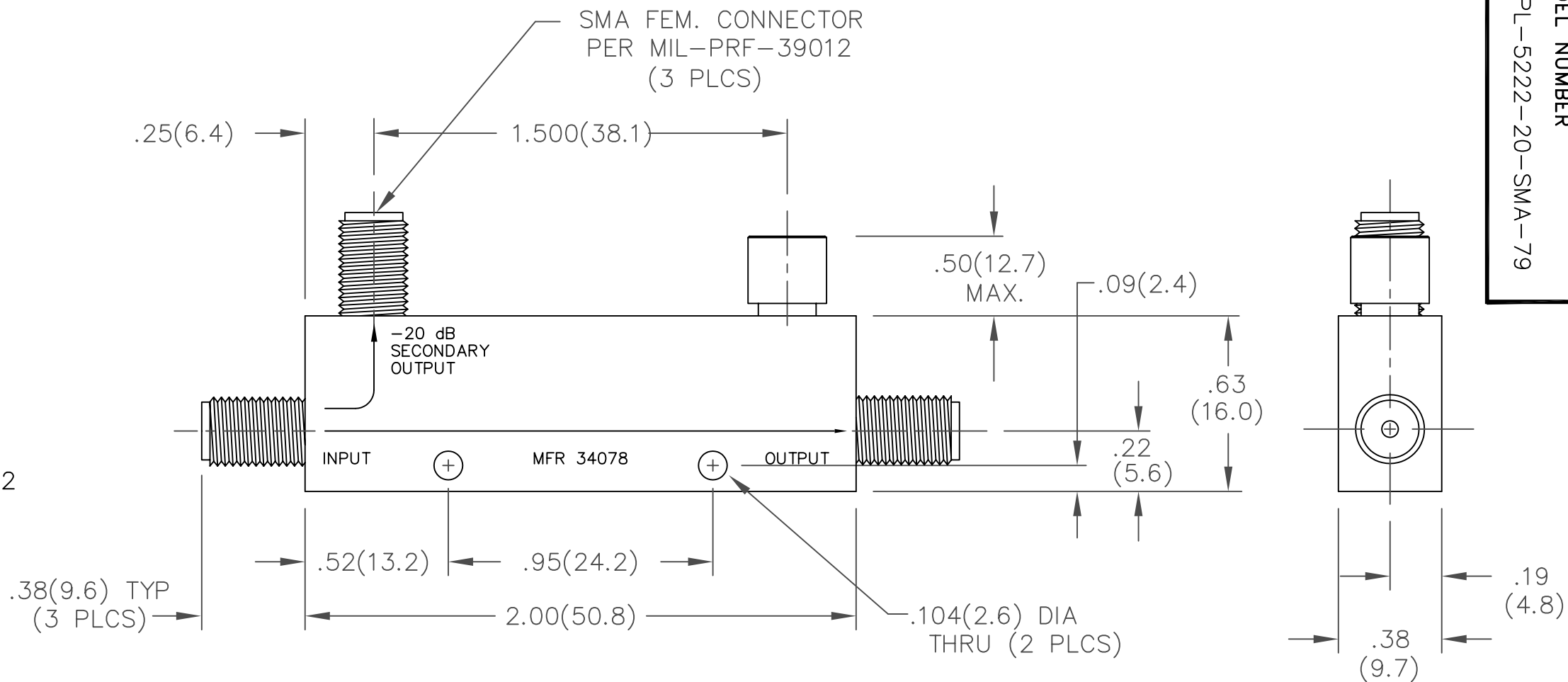


MODEL NUMBER  
CPL-5222-20-SMA-79

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: 2.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.50\text{dB}$
- 1.3 COUPLING:  $20\text{dB} \pm 1.0\text{dB}$
- 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.



BACKSIDE MARKING

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

CAGE CODE  
**34078** **MIDWEST MICROWAVE**

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:  $\pm 1'$

**EMERSON**  
Network Power  
Connectivity Solutions

TITLE  
DIRECTIONAL COUPLER  
OUTLINE DRAWING

DRAWN/DATE  
A.BEATTY  
10/23/91

ENG./DATE  
CATALANO  
10/24/91

CHECKED/DATE  
A.BEATTY  
10/23/91

APPROVED/DATE

DRAWING NUMBER  
CPL-5222-20-SMA-79-01

REV.  
F

SCALE: 2:1

SHEET 1 of 1

REV.	-	F
DESCRIPTION	RELEASED	ECO 22777
DATE	11/8/10	11/8/10