

MODEL NUMBER  
CPL-5220-XX-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

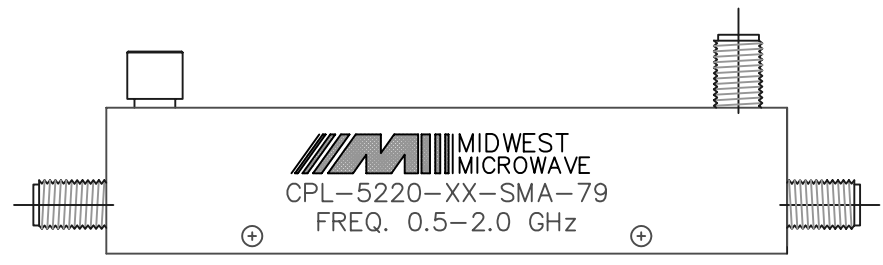
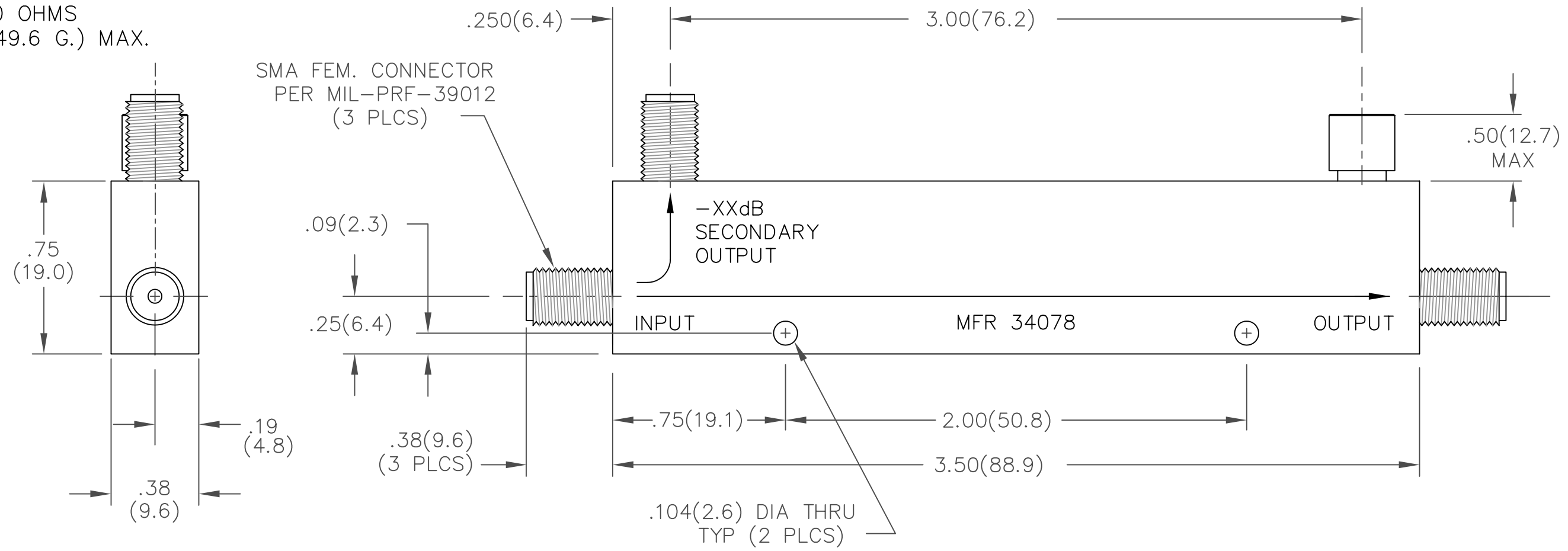
- 1.1 FREQUENCY RANGE: 0.5 to 2.0 GHz
- 1.2 FREQUENCY SENSITIVITY: ±0.50dB
- 1.3 COUPLING: SEE TABLE
- 1.3 INSERTION LOSS: (EXCLUDES CPLG. LOSS)  
0.40 dB MAX.
- 1.4 DIRECTIVITY: 22dB MIN.
- 1.5 VSWR: 1.20:1 MAX.
- 1.6 POWER:  
50 WATTS AVG.  
3 KILOWATTS PEAK
- 1.7 RF. IMPEDANCE: 50 OHMS
- 1.8 WIEGHT: 1.75 Oz. (49.6 G.) MAX.

2.0 DIMENSIONS IN PARENTHESIS ARE  
IN MILLIMETERS.

3.0 FINISH

- 3.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2  
OVER MIL-C-5541 CLASS 3A  
MEETS MIL-F-14072  
MEETS MIL-E-5400
- 3.2 MARK UNIT AS SHOWN  
(REF.: SLK-09182-82-XX)

MODEL NUMBER	COUPLING
CPL-5220-XX-SMA-79	-XX ±1.0dB
CPL-5220-06-SMA-79	6
CPL-5220-10-SMA-79	10
CPL-5220-16-SMA-79	16
CPL-5220-20-SMA-79	20



BACKSIDE  
MARKING

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 ±.005  
2 PLACE DECIMALS ±.02  
FRACTIONS ±1/64  
PARALLELITY: T.I.R. \_\_\_\_\_  
FLATNESS: T.I.R. \_\_\_\_\_  
CONCENTRICITY: T.I.R. \_\_\_\_\_  
ANGLES AND PERPENDICULARITY: ±1°

CAGE CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5220-XX-SMA-79-01	REV. A1
DRAWN/DATE A.BEATTY 7/13/92	ENG./DATE FROST 7/14/92	SCALE: 2=1	SHEET 1 of 1

REV.	DESCRIPTION	DATE
-	RELEASED	7/14/92
A	ECN 13499	4/7/94
A1	ADDED TITLEBLOCK	4/22/05