

MODEL NUMBER  
CPL-5220-XX-SMA-79

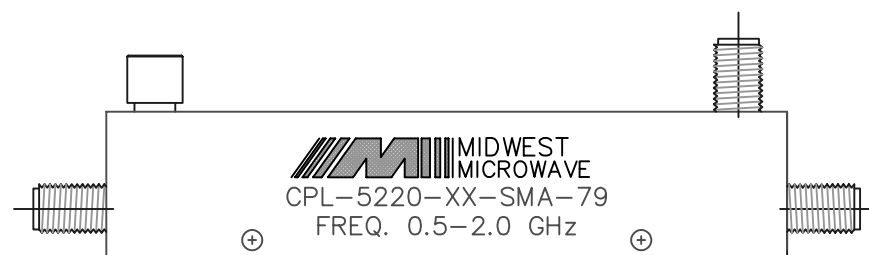
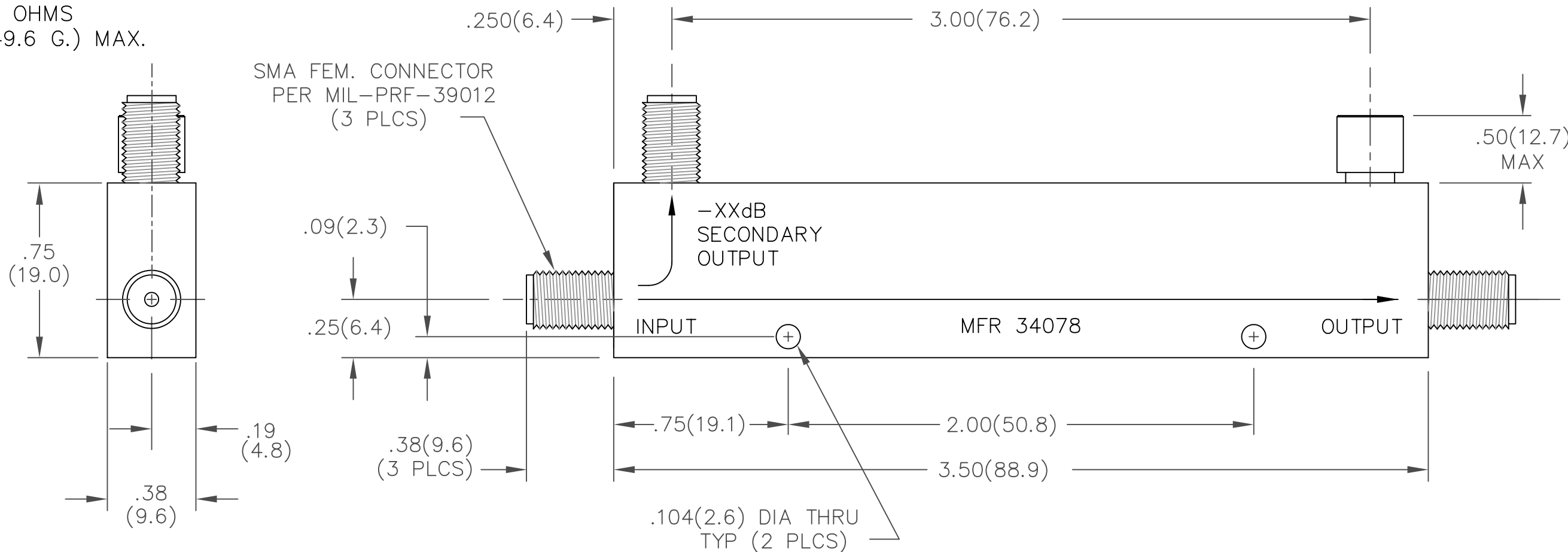
NOTES:

- 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 34078 **MIDWEST MICROWAVE**

**EMERSON**  
Network Power  
Connectivity Solutions

TITLE  
DIRECTIONAL COUPLER  
OUTLINE DRAWING

DRAWN/DATE  
A.BEATTY  
7/13/92  
ENG/DATE  
FROST  
7/14/92  
CHECKED/DATE  
M.HOLLMAN  
7/13/92  
APPROVED/DATE

DRAWING NUMBER  
CPL-5220-XX-SMA-79-01  
REV. A1  
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

# Mouser Electronics

Authorized Distributor

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