

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

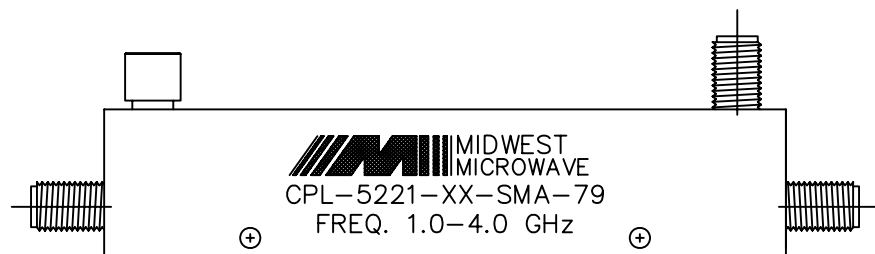
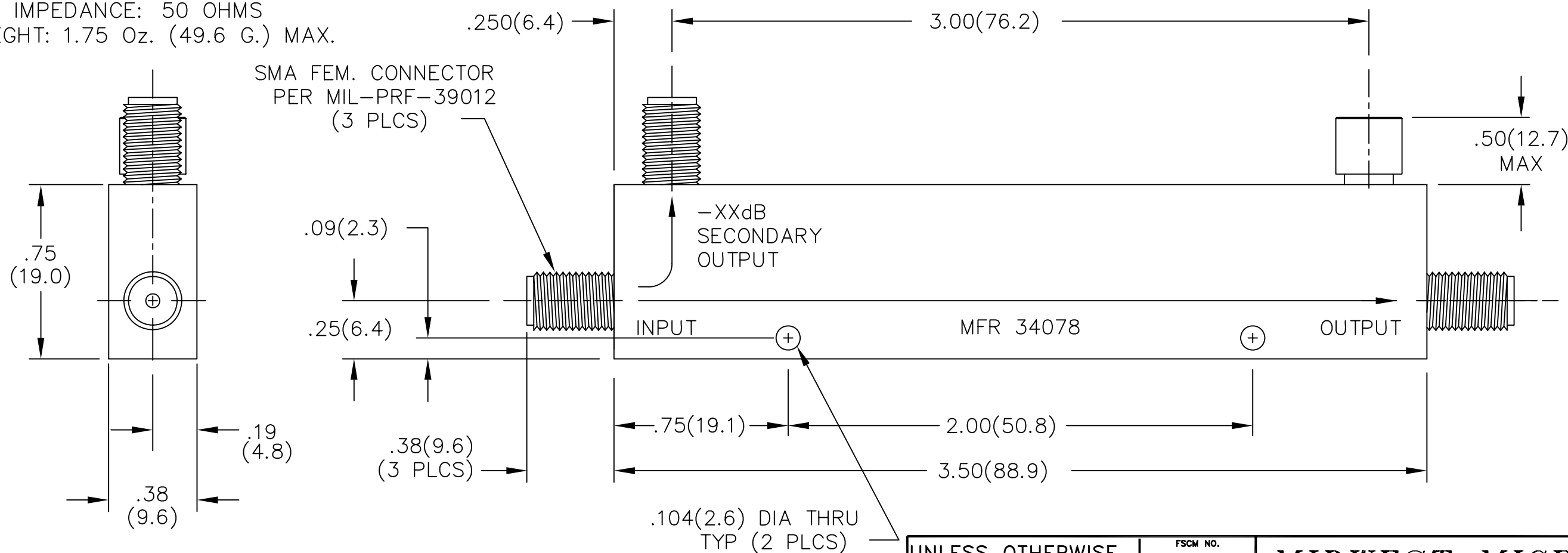
- 1.1 FREQUENCY RANGE: 1.0 to 4.0 GHz
- 1.2 FREQUENCY SENSITIVITY: ± 0.50 dB
- 1.3 COUPLING: SEE TABLE
- 1.3 INSERTION LOSS: (EXCLUDES CPLG. LOSS)
0.50dB MAX.
- 1.4 DIRECTIVITY: 22dB MIN.
- 1.5 VSWR: 1.25:1 MAX.
- 1.6 POWER:
50 WATTS AVG.
4 KILOWATTS PEAK
- 1.7 RF. IMPEDANCE: 50 OHMS
- 1.8 WIEGHT: 1.75 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-5221-XX-SMA-79	-XX ± 1.0 dB
CPL-5221-06-SMA-79	6
CPL-5221-10-SMA-79	10
CPL-5221-16-SMA-79	16
CPL-5221-20-SMA-79	20



BACKSIDE
MARKING

UNLESS OTHERWISE
NOTED DIMENSIONS
ARE IN INCHES AND
TOLERANCES ARE:

- 3 PLACE DECIMALS ± 0.005
- 2 PLACE DECIMALS ± 0.02
- FRACTIONS $\pm 1/64$
- PARALLELITY: T.I.R. _____
- FLATNESS: T.I.R. _____
- CONCENTRICITY: T.I.R. _____
- ANGLES AND PERPENDICULARITY: $\pm 1^\circ$

FSCM NO.
34078

MIDWEST MICROWAVE

NOTICE: The information
contained in this
drawing is proprietary
and must not be used
without the permission
of Midwest Microwave

TITLE
DIRECTIONAL COUPLER

DRAWN/DATE
A.BEATTY
10/10/94
CHECKED/DATE
M.HOLLMAN
11/15/94

ENG./DATE
J.O.NEIL
11/18/94
APPROVED/DATE

DRAWING NUMBER
CPL-5221-XX-SMA-79

SCALE: 2=1 SHEET 1 of 1

DATE	11/18/94	6/18/98	4/22/05
DESCRIPTION	RELEASED	ECN 16721	ADDED TITLEBLOCK
REV.	-	A	A1