

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 0.5 to 2.0 GHz
- 1.2 FREQUENCY SENSITIVITY: ± 0.50 dB
- 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

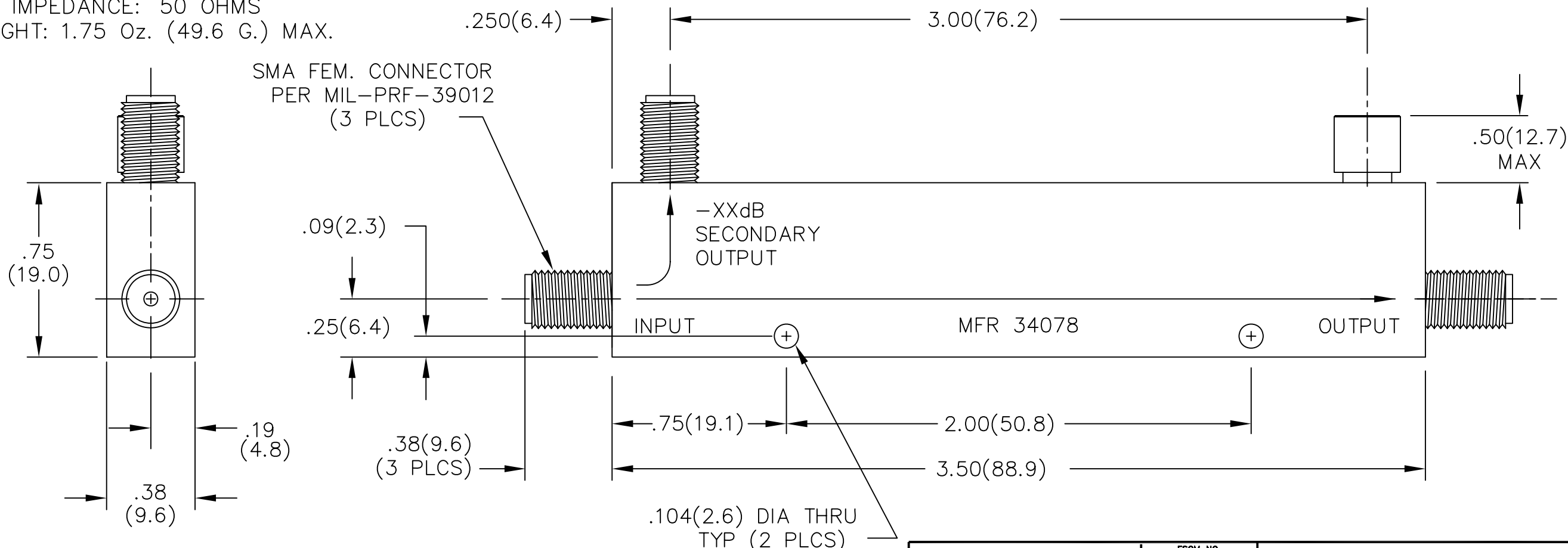
- 3.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400

- 3.2 MARK UNIT AS SHOWN
(REF.: SLK-09182-82-XX)

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

MODEL NUMBER
CPL-5220-XX-SMA-79

REV.
A1



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

3 PLACE DECIMALS $\pm .005$
 2 PLACE DECIMALS $\pm .02$
 FRACTIONS $\pm 1/64$
 PARALLELITY: T.I.R. _____
 FLATNESS: T.I.R. _____
 CONCENTRICITY: T.I.R. _____
 ANGLES AND PERPENDICULARITY: $\pm 1'$

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
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

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