

- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 0.5 to 1.0 GHz
 - 1.2 COUPLING: SEE TABLE
 - 1.3 FREQUENCY SENSITIVITY: SEE TABLE
 - 1.4 DIRECTIVITY: 25dB MIN.
 - 1.5 VSWR (MAX): 1.10:1 MAX.
 - 1.6 INSERTION LOSS: .15dB MAX.
(EXCLUDING COUPLED POWER)
 - 1.7 POWER: SEE TABLE
 - 1.8 WEIGHT (MAX.): 8.6 oz.
 - 1.9 RF IMPEDANCE: 50 OHMS

- 2.0 FINISHING:
 - 2.1 GREY PER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400
 - 2.2 MARKING: MARK UNIT AS SHOWN
(REF.: SLK-08029-82-[55-58])

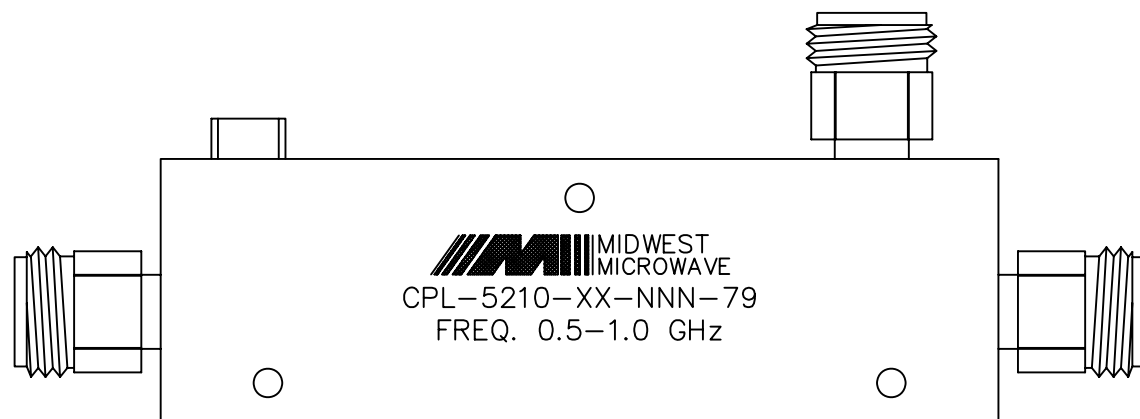
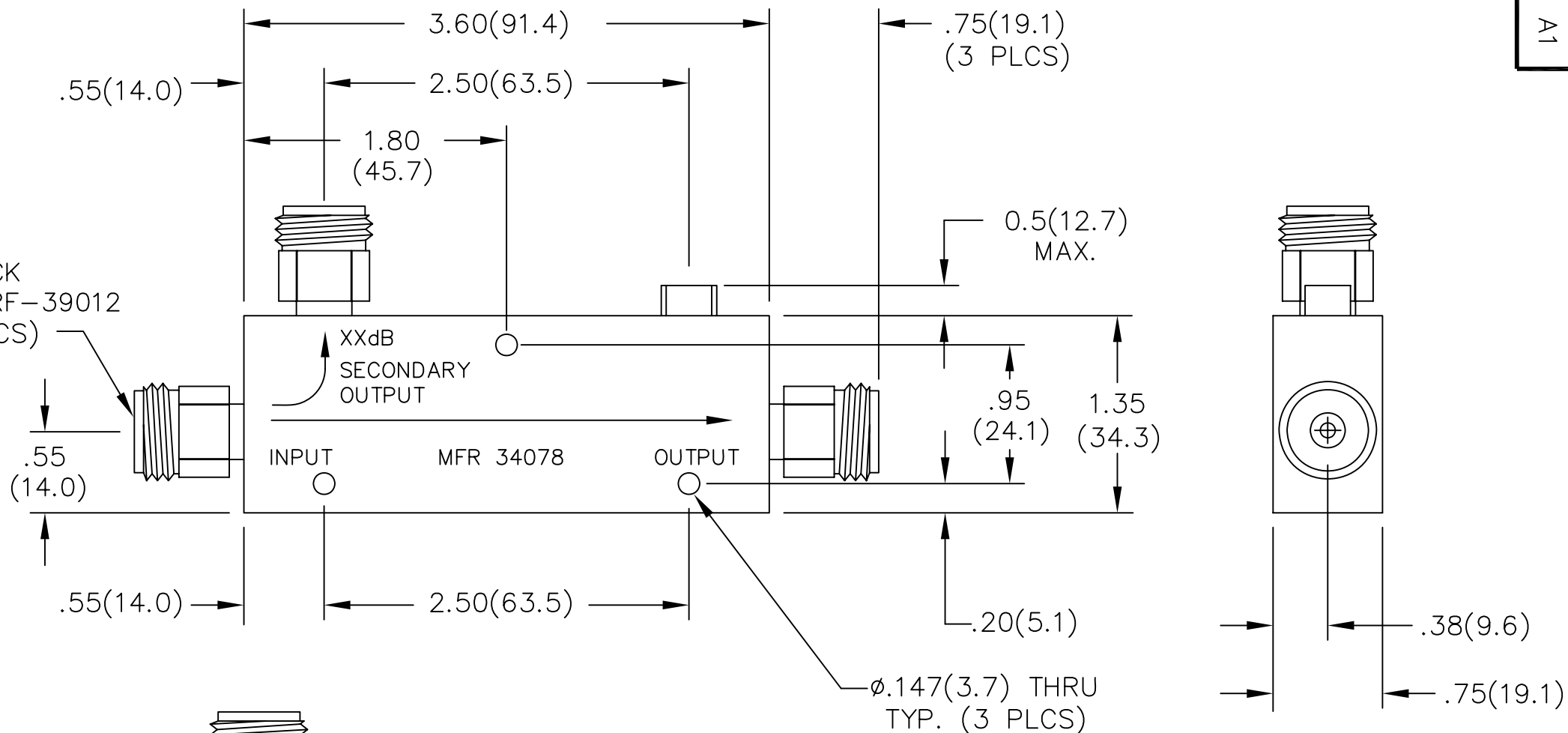
3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

TYPE N JACK
PER MIL-PRF-39012
TYP (3 PLCS)

MIDWEST MODEL NUMBER CPL-5210-XX-NNN-79	NOMINAL COUPLING	FREQUENCY SENSITIVITY	POWER (WATTS)		
			INPUT	REF	PEAK
CPL-5210-06-NNN-79	6 ±1.0dB	±0.60dB	50	4	4000
CPL-5210-10-NNN-79	10 ±1.0dB	±0.75dB	50	10	4000
CPL-5210-20-NNN-79	20 ±1.0dB	±0.75dB	50	50	4000
CPL-5210-30-NNN-79	30 ±1.0dB	±0.75dB	50	50	4000

MODEL NUMBER
CPL-5210-XX-NNN-79

REV.
A1



BACKSIDE MARKING

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°

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
J.VERNON
12/27/96

ENG./DATE
J.O'NEIL
1/2/97

DRAWING NUMBER
CPL-5210-XX-NNN-79

CHECKED/DATE

APPROVED/DATE

SCALE: 1=1 SHEET 1 of 1

REV.	DESCRIPTION	DATE
-	RELEASED	1/3/97
A	ECN 16439	1/16/98
A1	ADDED TITLEBLOCK	4/14/05