

- 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

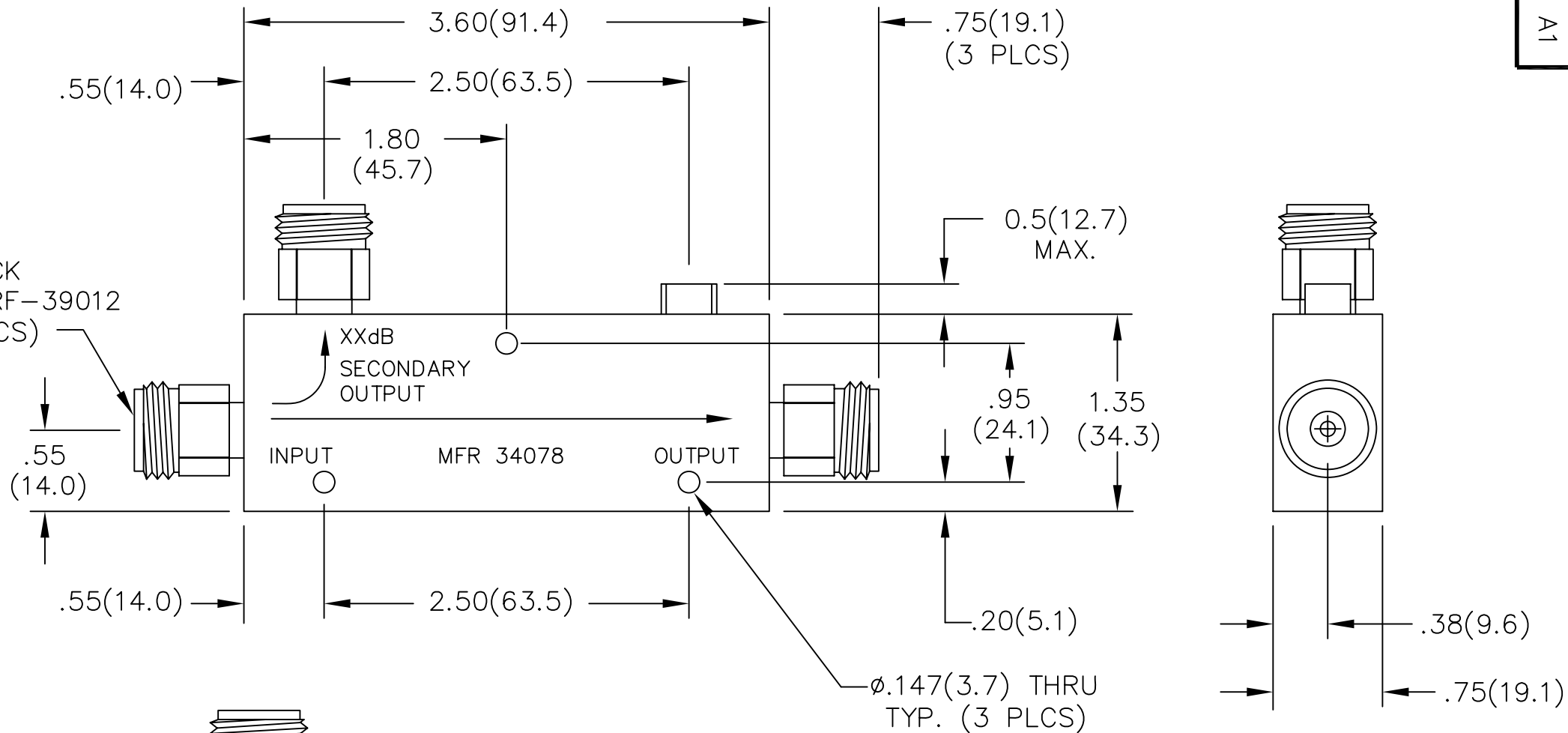
- 2.0 FINISHING:
  - 2.1 GREY PER MIL-E-15090 TYPE II, CLASS 2  
OVER MIL-C-5541 CLASS 3A  
MEETS MIL-F-14072  
MEETS MIL-E-5400
  - 2.2 MARKING: MARK UNIT AS SHOWN  
(REF.: SLK-08029-82-[55-58])

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