

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

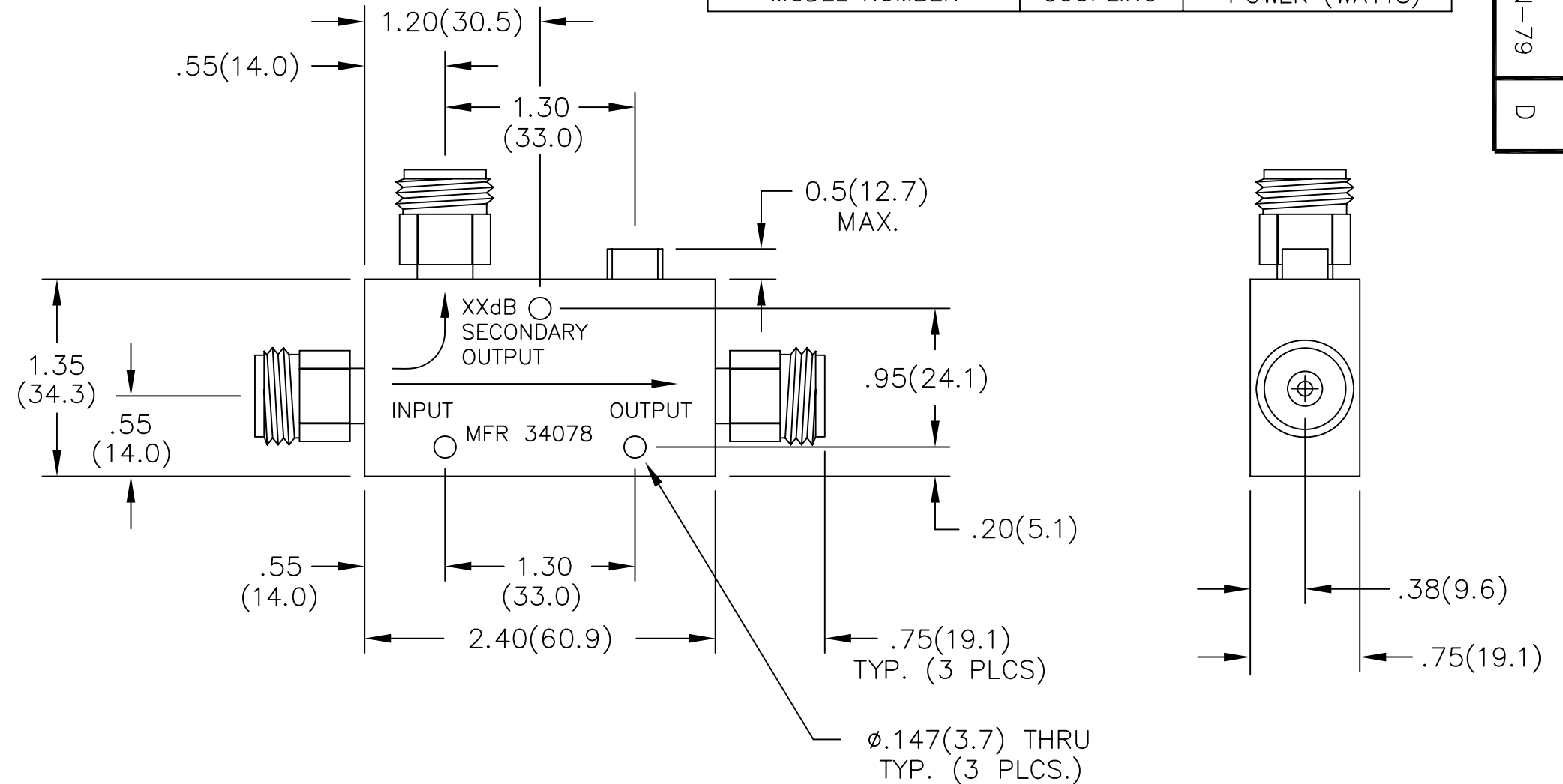
- 1.1 FREQUENCY RANGE: 4.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.75$ dB
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.30:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB MAX.
- 1.6 DIRECTIVITY: 18dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

2.0 FINISHING:

- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN. (REF.: SLK-08029-82-[12-15])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5214-30-NNN-79	30dB	50	50	4,000
CPL-5214-20-NNN-79	20dB	50	50	4,000
CPL-5214-10-NNN-79	10dB	50	10	4,000
CPL-5214-06-NNN-79	6dB	50	4	4,000
CPL-5214-XX-NNN-79 MODEL NUMBER	-XX $\pm 1.0$ dB COUPLING	INPUT POWER (WATTS)	REF.	PEAK



BACKSIDE MARKING

MODEL NUMBER  
CPL-5214-XX-NNN-79  
REV.  
D

REV.	DESCRIPTION	DATE
-	RELEASED	1/21/97
A	ECN 15923	4/9/97
B	ECN 16439	1/16/98
C	ECN 18787	10/22/02
D	ECN 20844	5/8/06

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
3 PLACE DECIMALS $\pm .005$		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE DIRECTIONAL COUPLER	
2 PLACE DECIMALS $\pm .02$					
FRACTIONS $\pm 1/64$		DRAWN/DATE J.VERNON 1/15/97		ENG./DATE J.O'NEIL 1/21/97	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		DRAWING NUMBER CPL-5214-XX-NNN-79			
CONCENTRICITY: T.I.R. _____		SCALE: 1=1 SHEET 1 of 1			
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$					