

MODEL NUMBER  
CPL-5216-XX-NNN-79

REV.  
A1

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

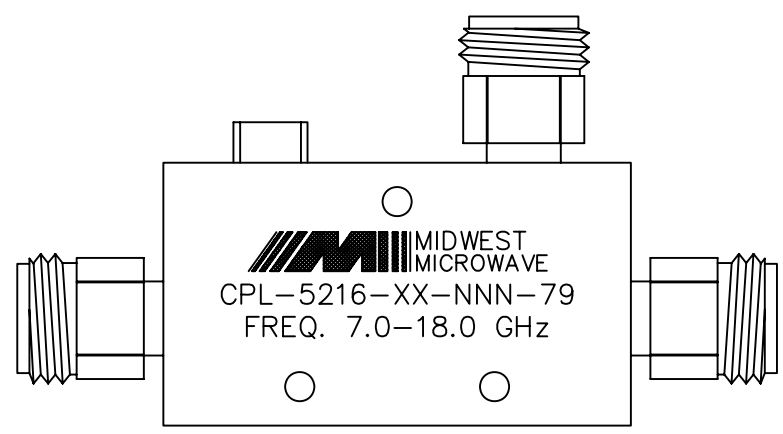
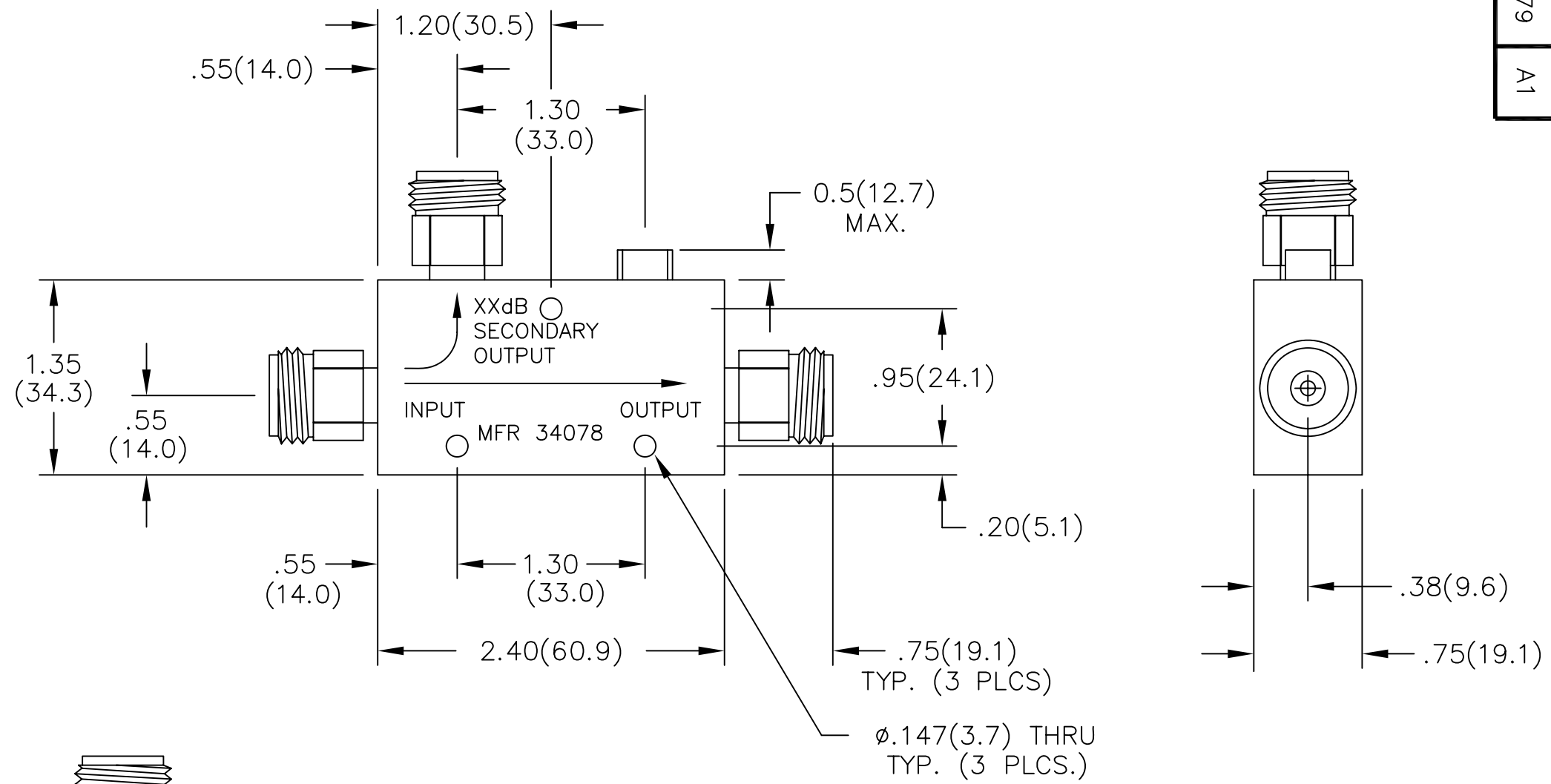
- 1.1 FREQUENCY RANGE: 7.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ±0.75dB
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.50:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.80dB MAX.
- 1.6 DIRECTIVITY: 7.0 to 12.4 GHz 15dB MIN.  
12.4 to 18.0 GHz 12dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 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-[16-19])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5216-30-NNN-79	30dB	50	50	3,000
CPL-5216-20-NNN-79	20dB	50	50	3,000
CPL-5216-10-NNN-79	10dB	50	10	3,000
CPL-5216-06-NNN-79	6dB	50	4	3,000
CPL-5216-XX-NNN-79 MODEL NUMBER	-XX ±1.0dB COUPLING	INPUT POWER (WATTS)	REF. POWER (WATTS)	PEAK POWER (WATTS)



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
3 PLACE DECIMALS ±.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 ±.02					
FRACTIONS ±1/64		DRAWN/DATE J. VERNON 6/20/97		ENG./DATE J.O'NEIL 7/1/97	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		DRAWING NUMBER CPL-5216-XX-NNN-79			
CONCENTRICITY: T.I.R. _____		SCALE: 1=1 SHEET 1 of 1			
ANGLES AND PERPENDICULARITY: ±1°					

DATE	7/1/97	1/16/98	4/22/05
DESCRIPTION	RELEASED	ECN 16439	ADDED TITLEBLOCK
REV.	-	A	A1