

MODEL NUMBER
CPL-5217-XX-NNN-79
REV.
-1

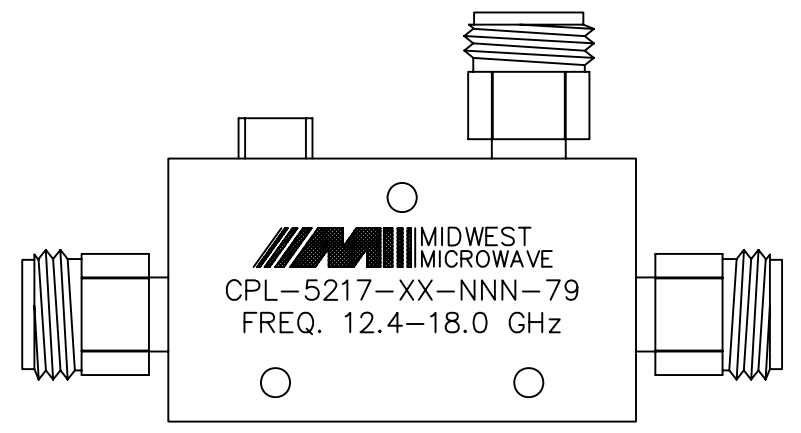
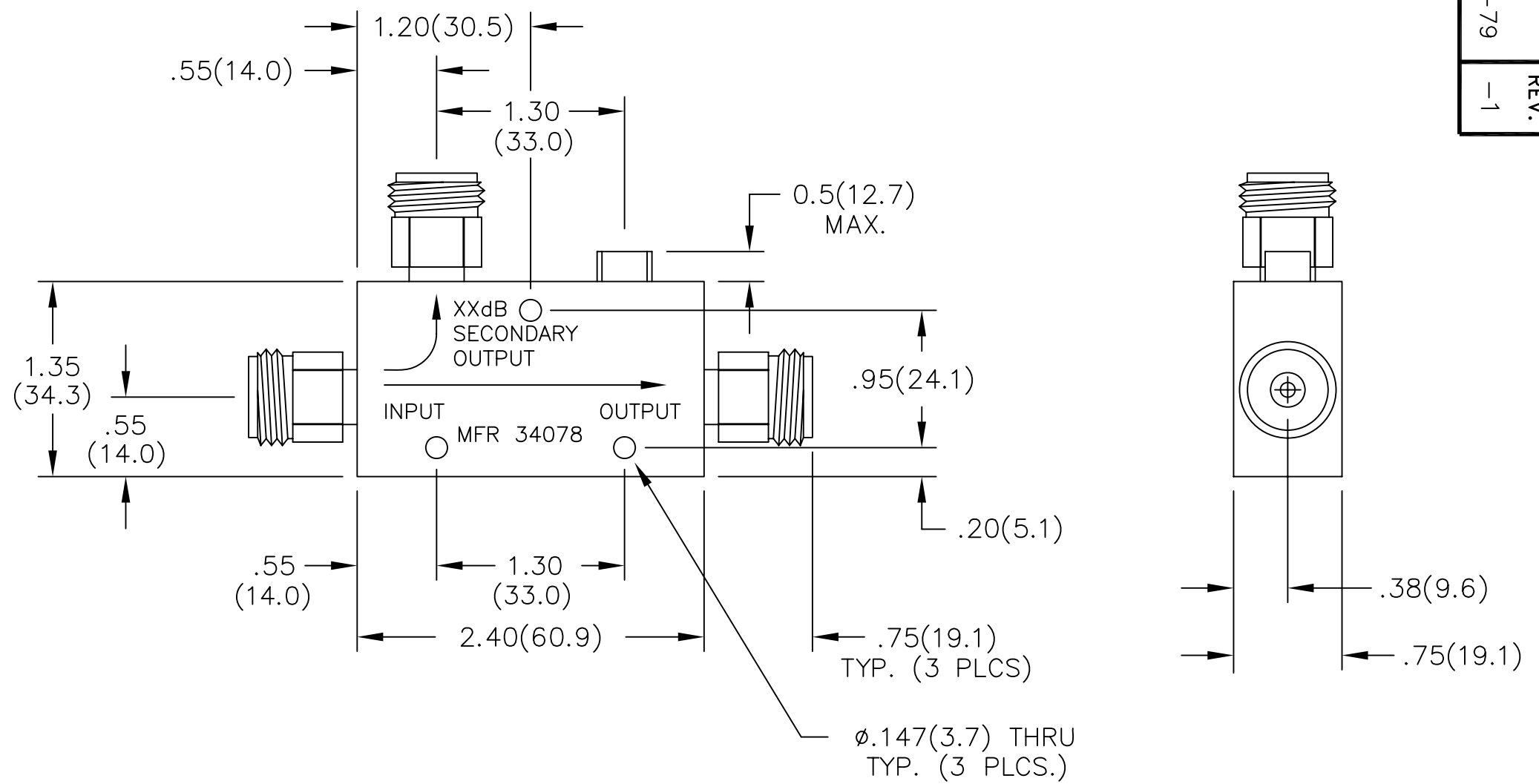
NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 12.4 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: 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-[36-39])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5217-30-NNN-79	30dB	50	50	2,000
CPL-5217-20-NNN-79	20dB	50	50	2,000
CPL-5217-10-NNN-79	10dB	50	10	2,000
CPL-5217-06-NNN-79	6dB	50	4	2,000
CPL-5217-XX-NNN-79	-XX ±1.0dB	INPUT	REF.	PEAK
MODEL NUMBER	COUPLING	POWER (WATTS)		



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. 34078		MIDWEST MICROWAVE	
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		DRAWN/DATE J.VERNON 1/20/98		DRAWING NUMBER CPL-5217-XX-NNN-79	
FRACTIONS ±1/64		ENG./DATE J.O'NEIL 2/17/98		SCALE: 1=1	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		APPROVED/DATE		SHEET 1 of 1	
CONCENTRICITY: T.I.R. _____		APPROVED/DATE			
ANGLES AND PERPENDICULARITY: ±1°					

DATE	2/23/98	4/22/05
DESCRIPTION	RELEASED	ADDED TITLEBLOCK
REV.	-	-1