

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

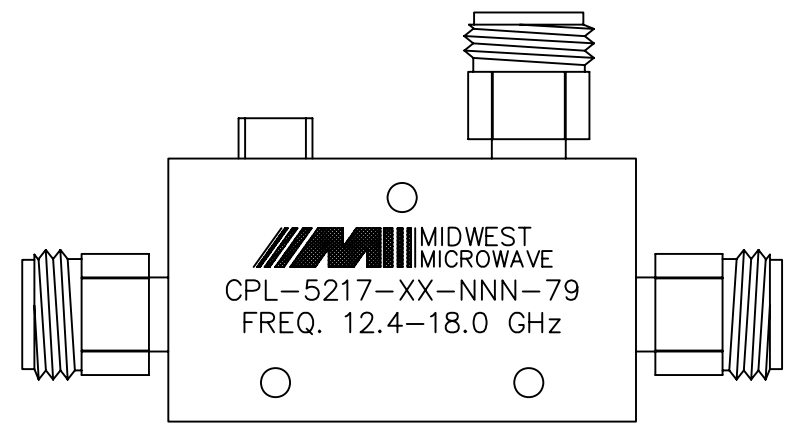
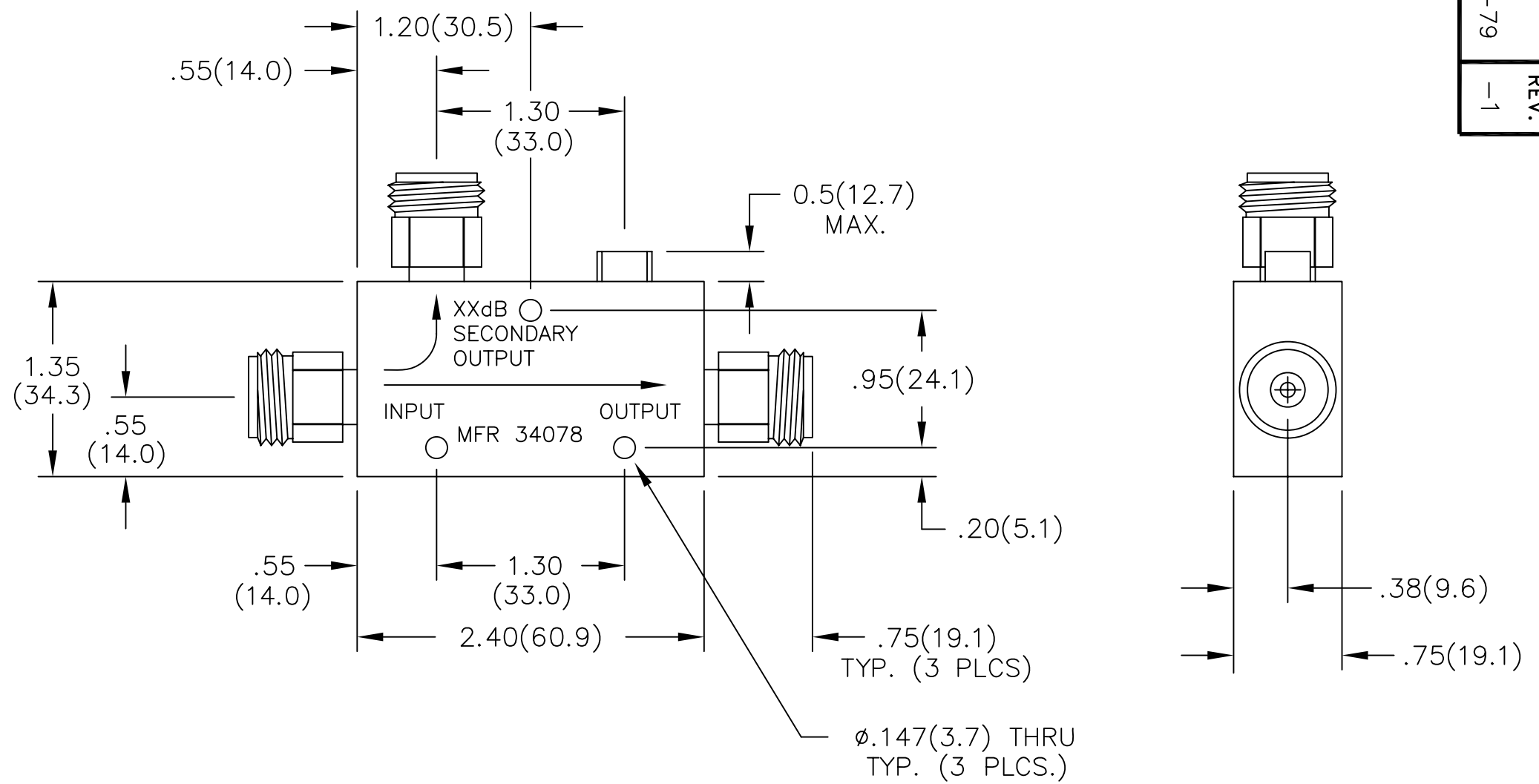
NOTES:

- 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: 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 1/20/98	ENG./DATE J.O'NEIL 2/17/98	DRAWING NUMBER CPL-5217-XX-NNN-79	
CHECKED/DATE	APPROVED/DATE	SCALE: 1=1	SHEET 1 of 1

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