

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 4.0 GHz
- 1.2 FREQ. SENSITIVITY: SEE CHART
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.25:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.30dB MAX.
- 1.6 DIRECTIVITY: 20dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

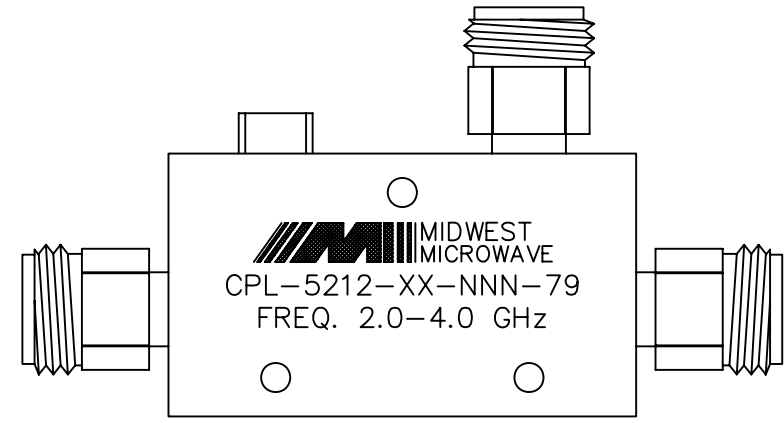
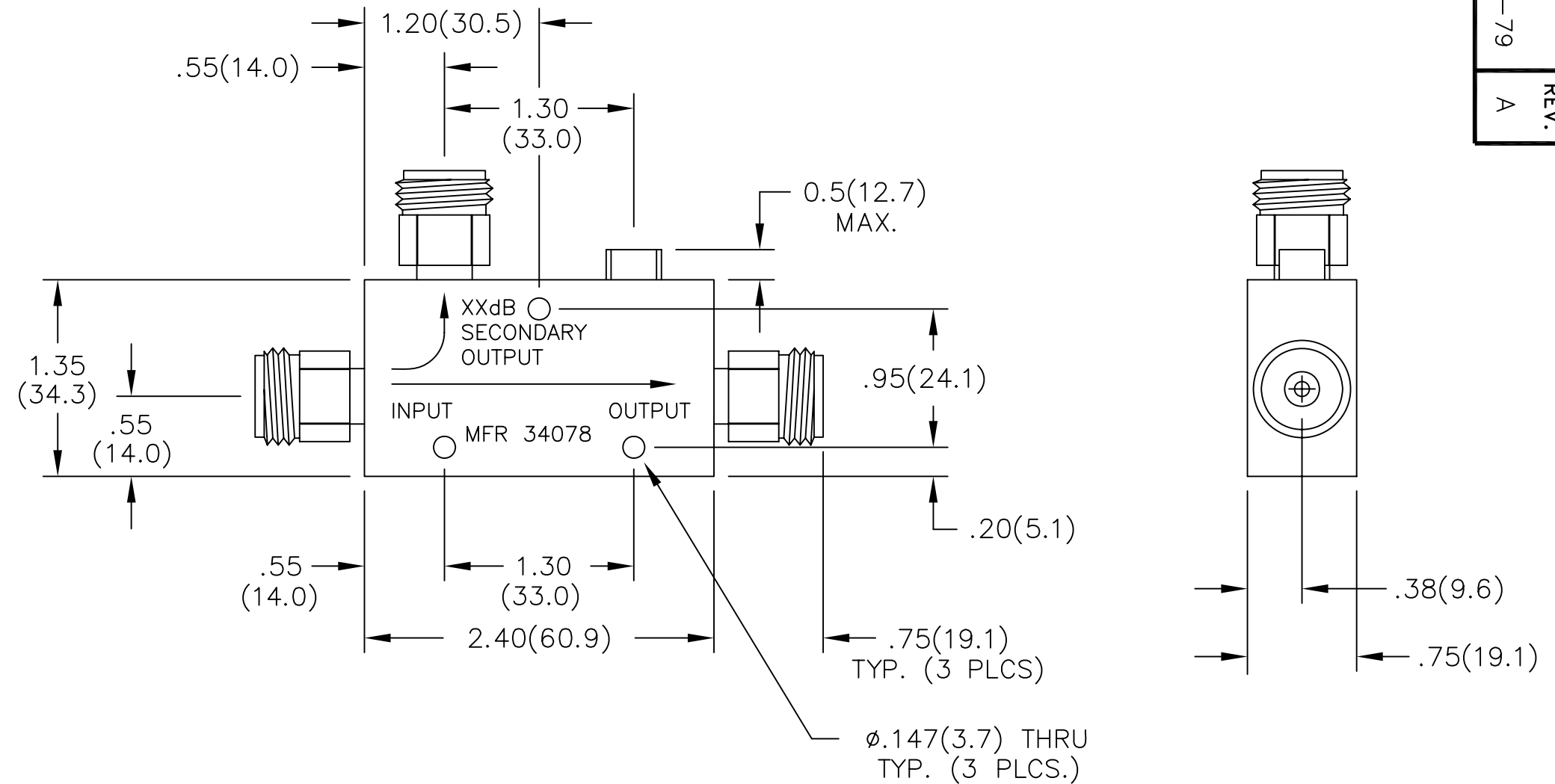
2.0 FINISHING:

- 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-[28-31])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5212-30-NNN-79	30dB	±0.75dB	50	50	4,000
CPL-5212-20-NNN-79	20dB	±0.75dB	50	50	4,000
CPL-5212-10-NNN-79	10dB	±0.75dB	50	10	4,000
CPL-5212-06-NNN-79	6dB	±0.60dB	50	4	4,000
CPL-5212-XX-NNN-79 MODEL NUMBER	-XX ±1.0dB COUPLING	FREQUENCY SENSITIVITY	INPUT POWER (WATTS)	REF.	PEAK

MODEL NUMBER  
CPL-5212-XX-NNN-79  
REV.  
A



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				DRAWING NUMBER CPL-5212-XX-NNN-79	
FRACTIONS ±1/64		DRAWN/DATE J.VERNON 1/20/98		ENG./DATE J.O'NEIL 2/17/98	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		SCALE: 1=1		SHEET 1 of 1	
CONCENTRICITY: T.I.R. _____		ANGLES AND PERPENDICULARITY: ±1°			

DATE	2/23/98	4/14/05	5/8/06
DESCRIPTION	RELEASED	ADDED TITLEBLOCK	ECN 20846
REV.	-	-1	A