

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.6 to 5.2 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): 0.35dB MAX.
- 1.6 DIRECTIVITY: 18dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

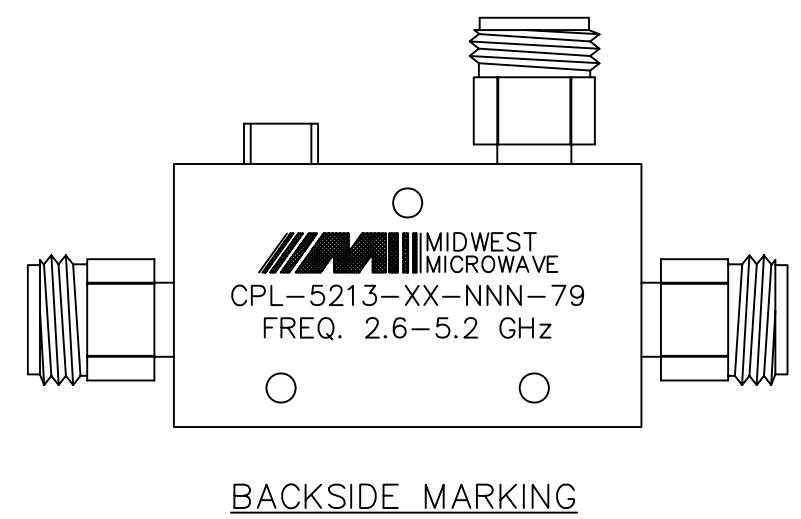
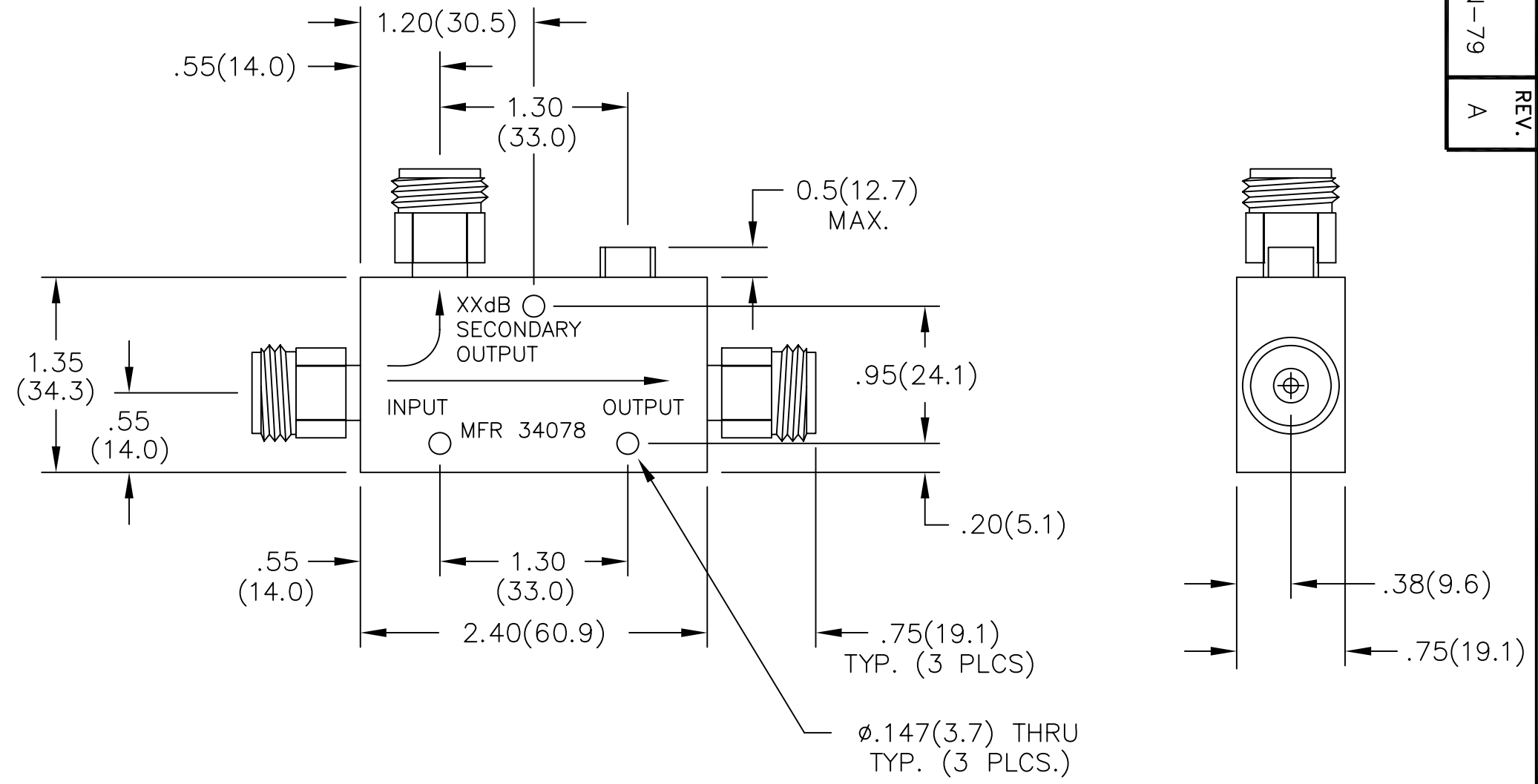
2.0 FINISHING:

- 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-[32-35])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5213-30-NNN-79	30dB	50	50	4,000
CPL-5213-20-NNN-79	20dB	50	50	4,000
CPL-5213-10-NNN-79	10dB	50	10	4,000
CPL-5213-06-NNN-79	6dB	50	4	4,000
CPL-5213-XX-NNN-79 MODEL NUMBER	-XX $\pm 1.0$ dB COUPLING	INPUT POWER (WATTS)	REF.	PEAK POWER (WATTS)

MODEL NUMBER  
CPL-5213-XX-NNN-79  
REV.  
A



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 $\pm .02$		DRAWN/DATE J. VERNON 1/20/98		DRAWING NUMBER CPL-5213-XX-NNN-79	
FRACTIONS $\pm 1/64$		ENG./DATE J.O'NEIL 2/17/98		SCALE: 1=1	
PARALLELITY: T.I.R. _____		CHECKED/DATE		SHEET 1 of 1	
FLATNESS: T.I.R. _____		APPROVED/DATE			
CONCENTRICITY: T.I.R. _____					
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$					

DATE	2/23/98	4/15/05	5/8/06
DESCRIPTION	RELEASED	ADDED TITLEBLOCK	ECN 20845
REV.	-	-1	A