

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.6 to 5.2 GHz
- 1.2 FREQ. SENSITIVITY: ± 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.

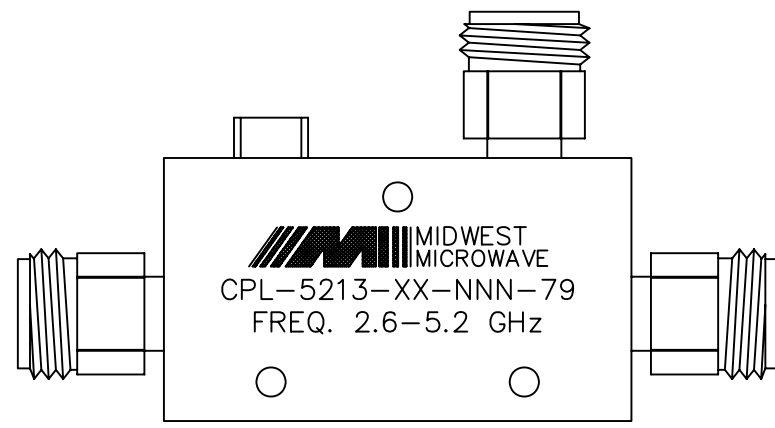
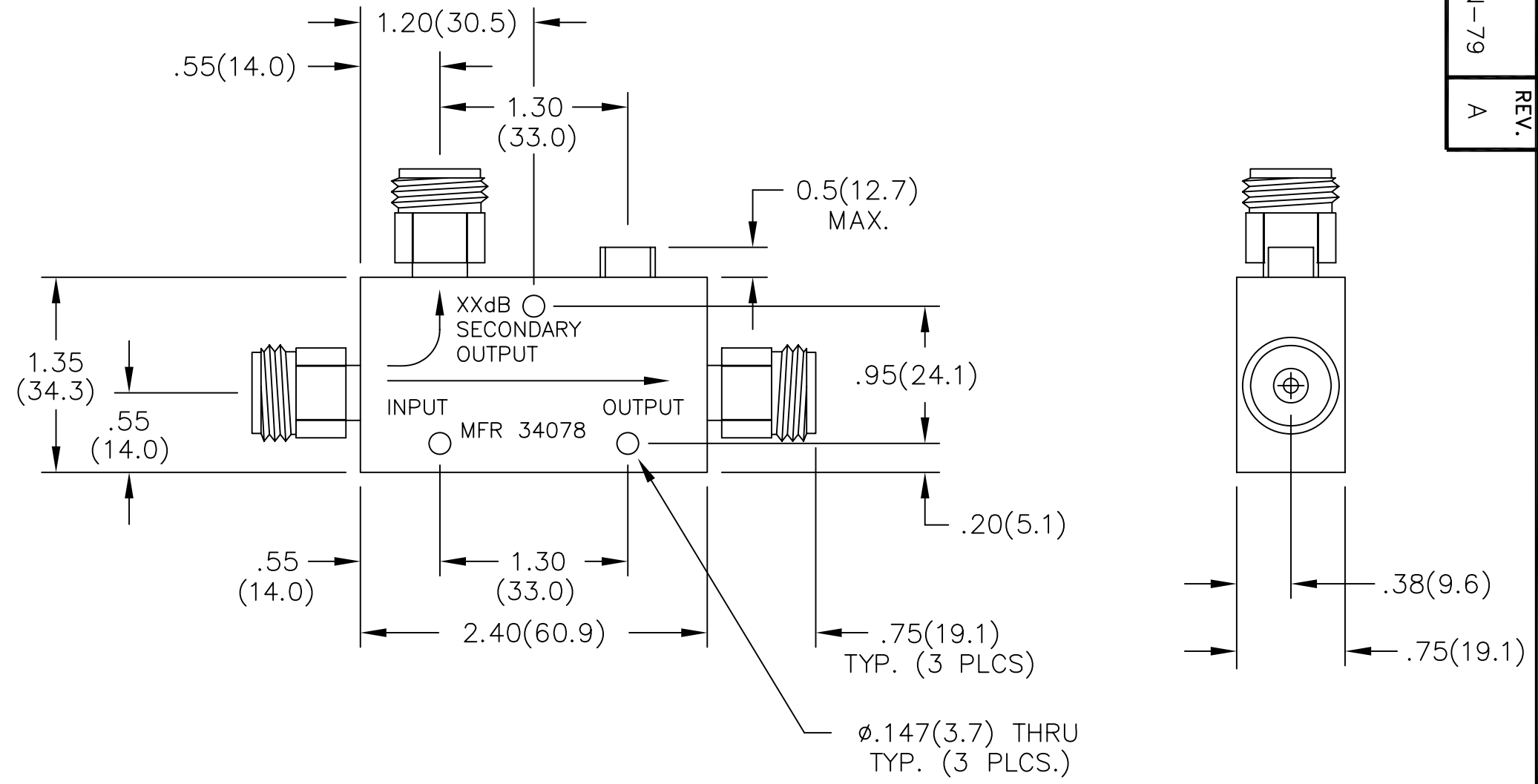
2.0 FINISHING:

- 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 ± 1.0 dB COUPLING	INPUT POWER (WATTS)	REF. POWER (WATTS)	PEAK POWER (WATTS)

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



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

- 3 PLACE DECIMALS $\pm .005$
- 2 PLACE DECIMALS $\pm .02$
- FRACTIONS $\pm 1/64$
- PARALLELITY: T.I.R. _____
- FLATNESS: T.I.R. _____
- CONCENTRICITY: T.I.R. _____
- ANGLES AND PERPENDICULARITY: $\pm 1^\circ$

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
CHECKED/DATE

ENG./DATE
J.O'NEIL
2/17/98
APPROVED/DATE

DRAWING NUMBER
CPL-5213-XX-NNN-79
SCALE: 1=1 SHEET 1 of 1

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