

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

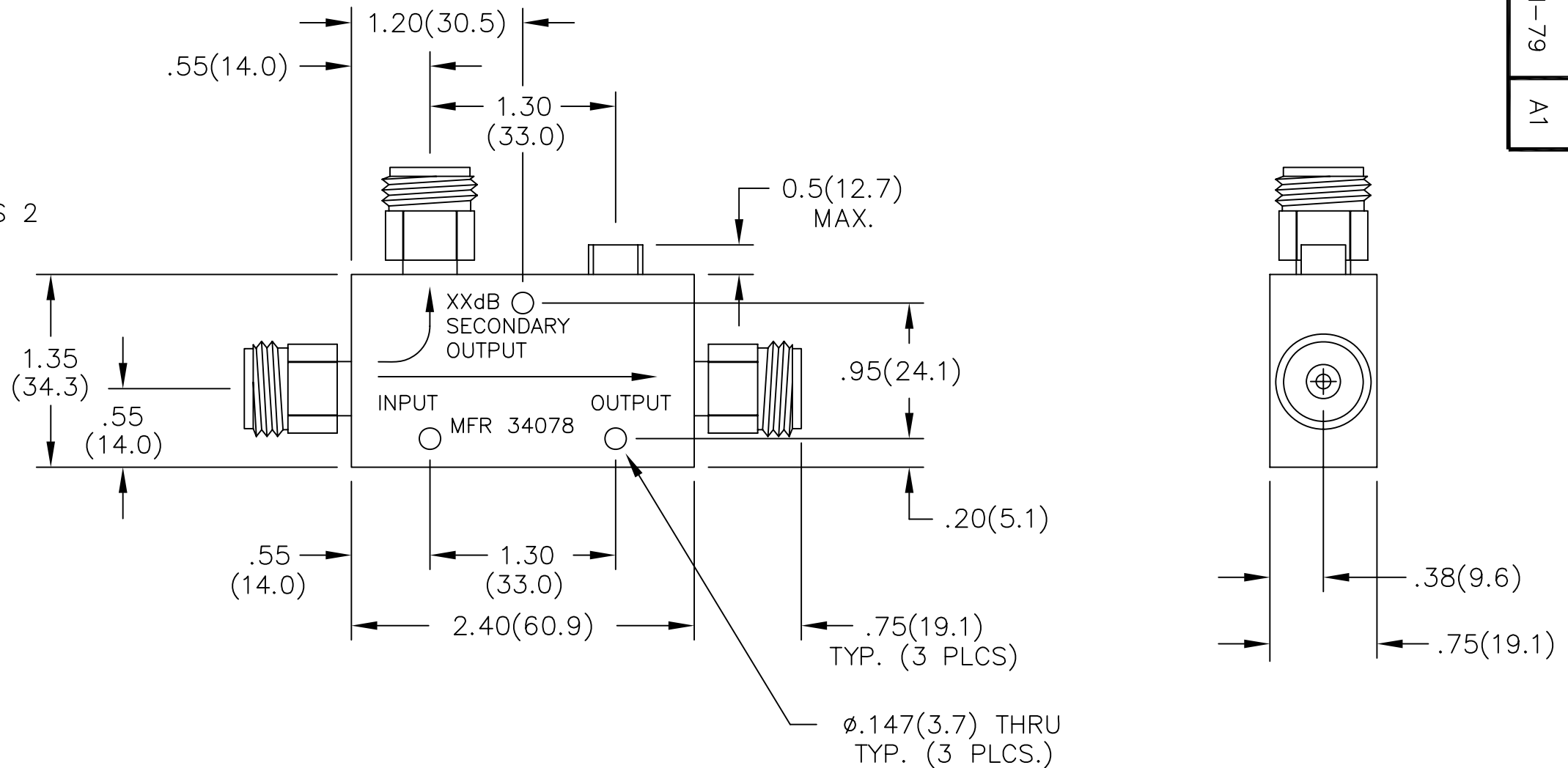
- 1.1 FREQUENCY RANGE: 1.0 to 2.0 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.15:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.20dB MAX.
- 1.6 DIRECTIVITY: 25dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

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-[51-54])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5211-30-NNN-79	30dB	±0.75dB	50	50	4,000
CPL-5211-20-NNN-79	20dB	±0.75dB	50	50	4,000
CPL-5211-10-NNN-79	10dB	±0.75dB	50	10	4,000
CPL-5211-06-NNN-79	6dB	±0.60dB	50	4	4,000
CPL-5211-XX-NNN-79 MODEL NUMBER	-XX ±1.0dB COUPLING	FREQUENCY SENSITIVITY	INPUT POWER (WATTS)	REF.	PEAK



BACKSIDE MARKING

MODEL NUMBER
CPL-5211-XX-NNN-79
REV.
A1

DATE	11/24/93	1/21/97	4/14/05
DESCRIPTION	RELEASED	ECN 16445	ADDED TITLEBLOCK
REV.	-	A	A1

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

DRAWING NUMBER
CPL-5211-XX-NNN-79

SCALE: 2=1 SHEET 1 of 1

DRAWN/DATE: A.BEATTY 11/12/93
ENG./DATE: P.GOODMAN 11/24/93
CHECKED/DATE: M.HOLLMAN 11/19/93
APPROVED/DATE: _____

Mouser Electronics

Authorized Distributor

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[CPL-5211-20-NNN-79](#)