

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5214-30-NNN-79](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

MODEL NUMBER  
CPL-5214-XX-NNN-79  
REV.  
D

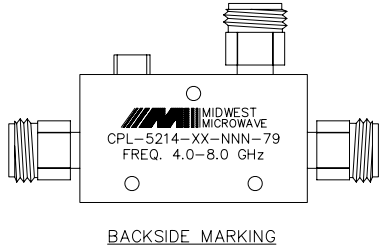
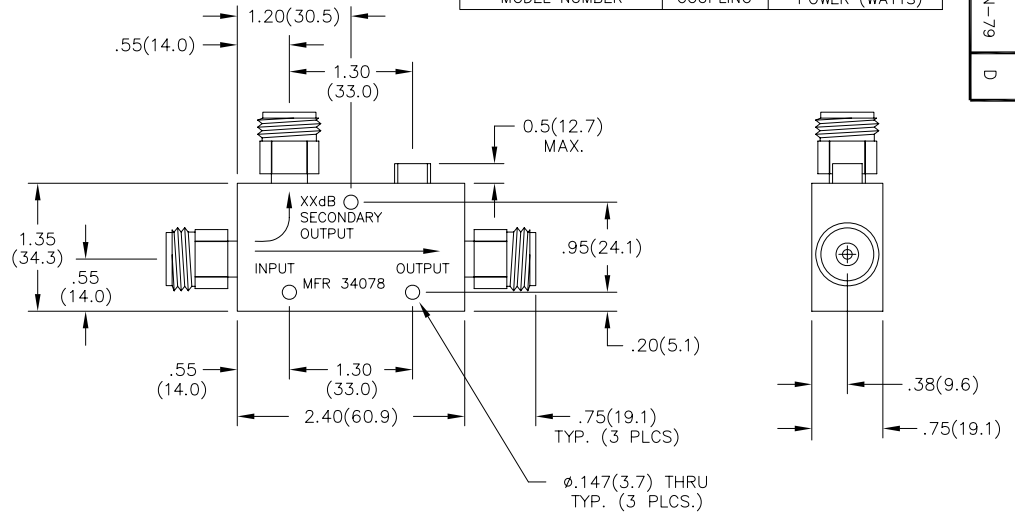
NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:  
 1.1 FREQUENCY RANGE: 4.0 to 8.0 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):  
 0.50dB 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-[12-15])

- 3.0 DIMENSIONS IN PARENTHESIS  
 ARE IN MILLIMETERS.

CPL-5214-30-NNN-79	30dB	50	50	4,000
CPL-5214-20-NNN-79	20dB	50	50	4,000
CPL-5214-10-NNN-79	10dB	50	10	4,000
CPL-5214-06-NNN-79	6dB	50	4	4,000
CPL-5214-XX-NNN-79 MODEL NUMBER	-XX $\pm 1.0$ dB COUPLING	INPUT	REF. PEAK	POWER (WATTS)



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.J.R. _____ FLATNESS: T.J.R. _____ CONCENTRICITY: T.J.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1^\circ$	PSCM NO. <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
	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 1/15/97		ENG./DATE J.O'NEIL 1/21/97		DRAWING NUMBER CPL-5214-XX-NNN-79
CHECKED/DATE		APPROVED/DATE		SCALE: 1=1 SHEET 1 of 1

REV.	DESCRIPTION	DATE
1	RELEASED	1/21/97
A	ECN 15923	4/9/97
B	ECN 16439	1/16/98
C	ECN 18787	10/22/02
D	ECN 20844	5/8/06