

Excellent Integrated System Limited

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[Cinch Connectivity Solutions](#)
[CPL-5210-20-NNN-79](#)

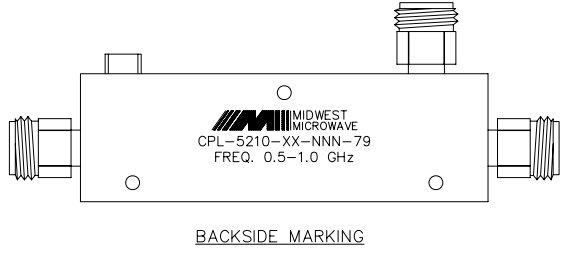
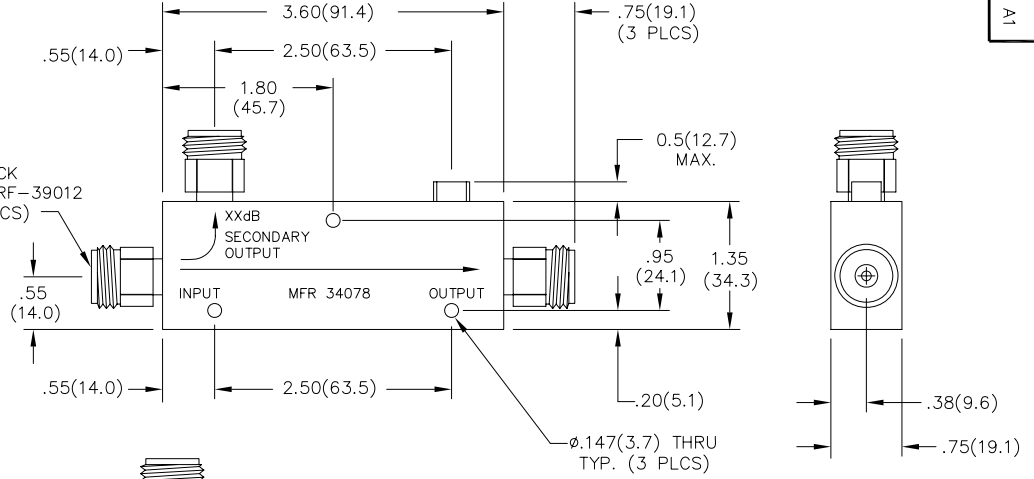
For any questions, you can email us directly:
sales@integrated-circuit.com

MODEL NUMBER
CPL-5210-XX-NNN-79
REV.
A1

- NOTES:
- ELECTRICAL SPECIFICATIONS:
 - FREQUENCY RANGE: 0.5 to 1.0 GHz
 - COUPLING: SEE TABLE
 - FREQUENCY SENSITIVITY: SEE TABLE
 - DIRECTIVITY: 25dB MIN.
 - VSWR (MAX): 1.10:1 MAX.
 - INSERTION LOSS: .15dB MAX. (EXCLUDING COUPLED POWER)
 - POWER: SEE TABLE
 - WEIGHT (MAX.): 8.6 oz.
 - RF IMPEDANCE: 50 OHMS

MIDWEST MODEL NUMBER CPL-5210-XX-NNN-79	NOMINAL COUPLING	FREQUENCY SENSITIVITY	POWER (WATTS)		
			INPUT	REF	PEAK
CPL-5210-06-NNN-79	6 ±1.0dB	±0.60dB	50	4	4000
CPL-5210-10-NNN-79	10 ±1.0dB	±0.75dB	50	10	4000
CPL-5210-20-NNN-79	20 ±1.0dB	±0.75dB	50	50	4000
CPL-5210-30-NNN-79	30 ±1.0dB	±0.75dB	50	50	4000

- FINISHING:
 - GREY PER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400
 - MARKING: MARK UNIT AS SHOWN (REF.: SLK-08029-82-[55-58])
- DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.J.R. _____ FLATNESS: T.J.R. _____ CONCENTRICITY: T.J.R. _____ ANGLES AND PERPENDICULARITY: ±1'	PSDM NO. 34078	MIDWEST MICROWAVE
	TITLE DIRECTIONAL COUPLER	
NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	DRAWN/DATE J.VERNON 12/27/96	ENG./DATE J.O'NEIL 1/2/97
DRAWING NUMBER CPL-5210-XX-NNN-79	SCALE: 1=1 SHEET 1 of 1	

DATE	DESCRIPTION	REV.
1/2/97	RELEASED	1
1/16/98	ECN 16439	A
4/14/98	ADDED TITLEBLOCK	A1