

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5214-20-TNC-79](#)

For any questions, you can email us directly:

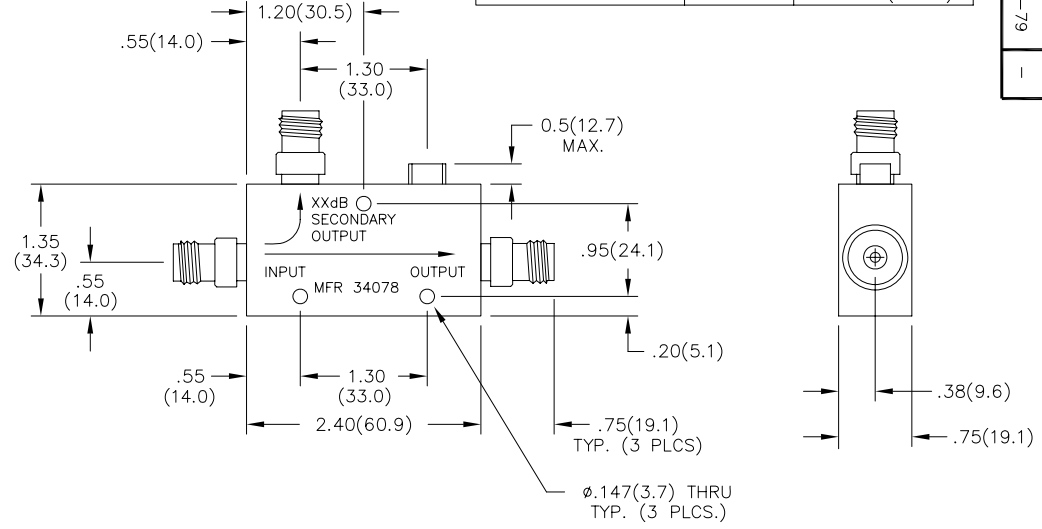
sales@integrated-circuit.com

MODEL NUMBER
CPL-5214-XX-TNC-79
REV. 1

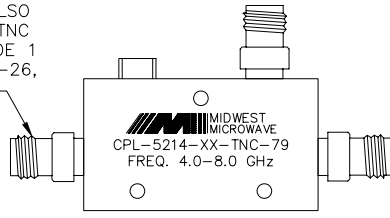
NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
 1.1 FREQUENCY RANGE: 4.0 to 8.0 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): 0.50dB 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-08139-82-[12-15])
- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

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



TYPE TNC JACK
 INTERFACE PER
 MIL-STD-348A
 FIG. 313-44
 (INTERFACE ALSO
 MEETS TYPE TNC
 18 GHz, GRADE 1
 PER IEC 169-26,
 FIG 2) TYP.
 (3 PLCS.)



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 S. ORLOV 5/9/06		ENG/DATE R. HALL 5/9/06		DRAWING NUMBER CPL-5214-XX-TNC-79	
CHECKED/DATE		APPROVED/DATE		SCALE: 1=1 SHEET 1 of 1	

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1