

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions](#)  
[CPL-5217-30-TNC-79](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

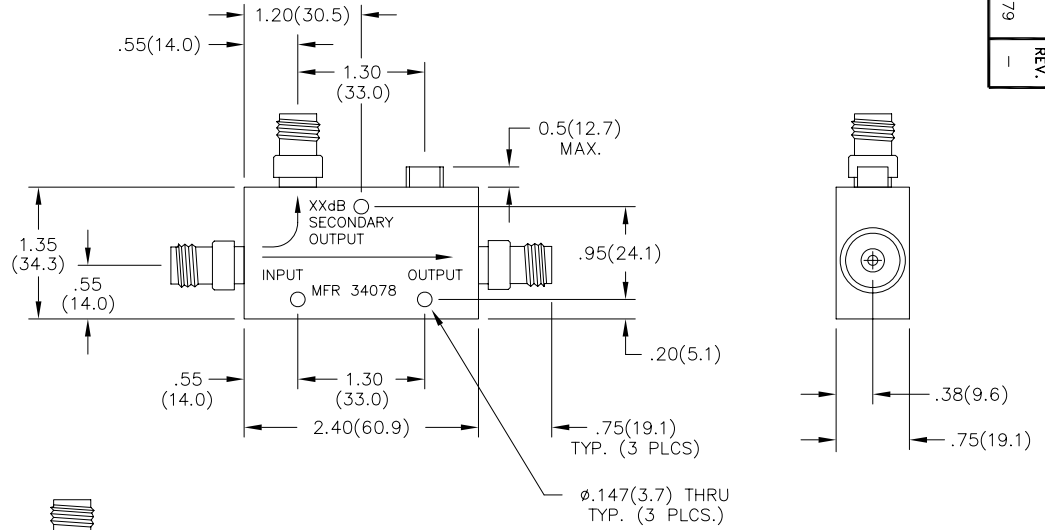
- 1.1 FREQUENCY RANGE: 12.4 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.75$ dB
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.50:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.80dB MAX.
- 1.6 DIRECTIVITY: 12dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

2.0 FINISHING:

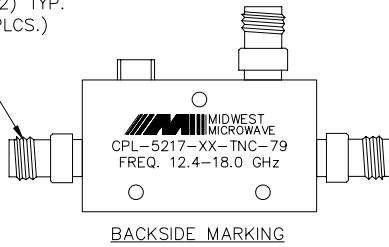
- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN. (REF.: SLK-08139-82-[36-39])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5217-30-TNC-79	30dB	50	50	2,000
CPL-5217-20-TNC-79	20dB	50	50	2,000
CPL-5217-10-TNC-79	10dB	50	10	2,000
CPL-5217-06-TNC-79	6dB	50	4	2,000
CPL-5217-XX-TNC-79	-XX $\pm 1.0$ dB	INPUT POWER (WATTS)	REF. POWER (WATTS)	PEAK POWER (WATTS)



TYPE TNCA 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.)



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. <b>34078</b> <i>MIDWEST MICROWAVE</i>		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 S. ORLOV 5/9/06	ENG/DATE R. HALL 5/9/06	DRAWING NUMBER CPL-5217-XX-TNC-79
	CHECKED/DATE	APPROVED/DATE	SCALE: 1=1 SHEET 1 of 1

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1