

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5217-20-TNC-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 12.4 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 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.

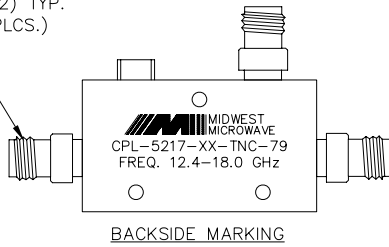
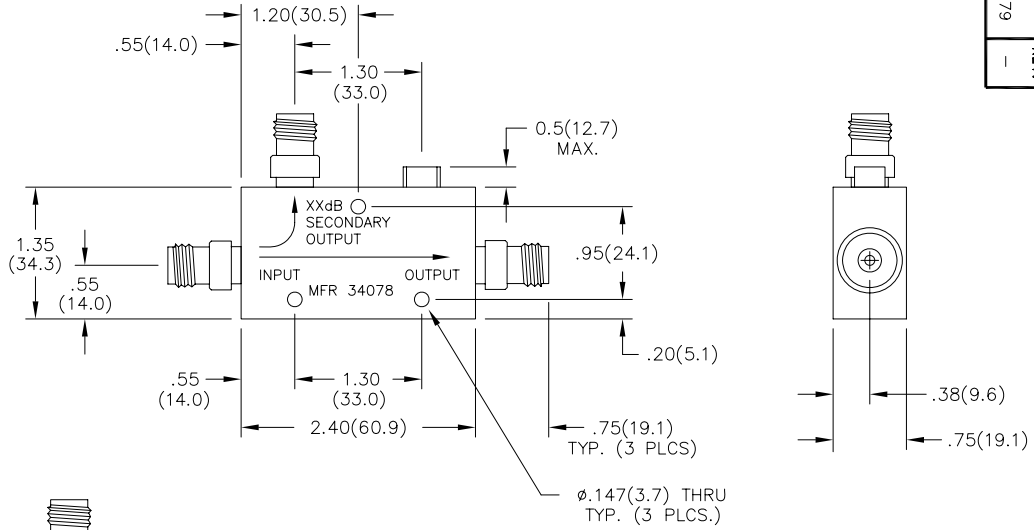
2.0 FINISHING:

- 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 ± 1.0 dB	INPUT	REF.	PEAK
MODEL NUMBER	COUPLING	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.)



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		DRAWING NUMBER CPL-5217-XX-TNC-79
DRAWN/DATE S. ORLOV 5/9/06		ENG/DATE R. HALL 5/9/06
CHECKED/DATE		APPROVED/DATE
SCALE: 1=1		SHEET 1 of 1

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1