

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5213-10-TNC-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Distributor of Cinch Connectivity Solutions: Excellent Integrated System Limited

Datasheet of CPL-5213-10-TNC-79 - COUPLER 10 DB 2.6-5.2GHZ

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

NOTES: electronic components

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.6 to 5.2 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): 0.35dB MAX.
- 1.6 DIRECTIVITY: 18dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

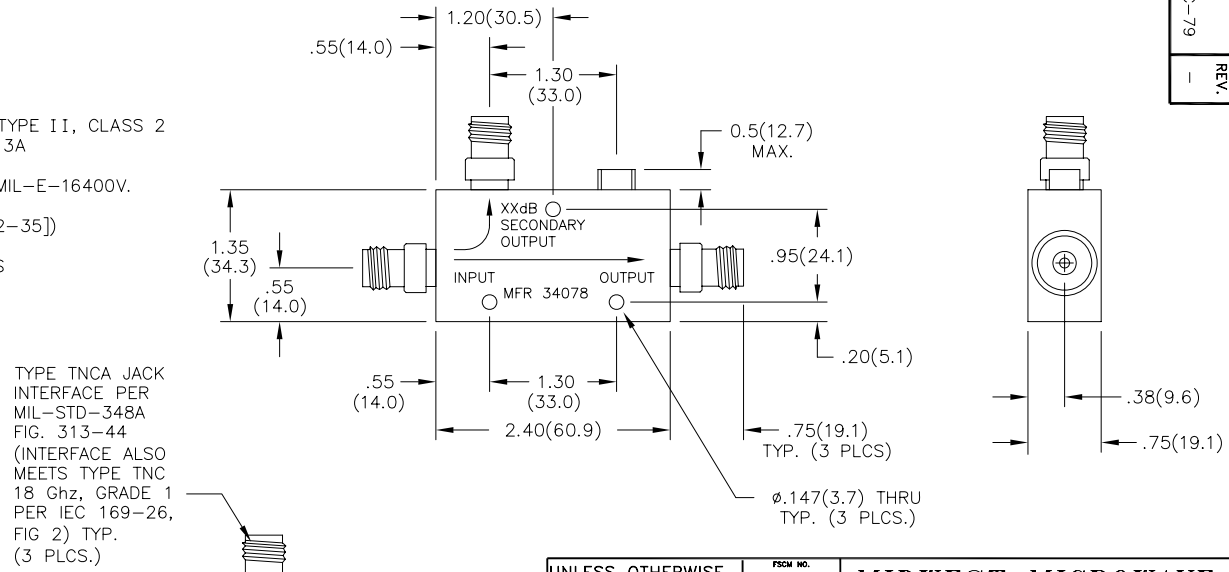
2.0 FINISHING:

- 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-[32-35])

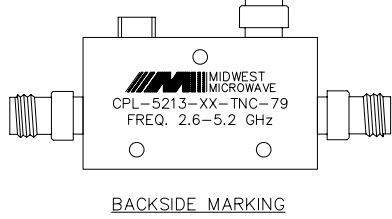
3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

CPL-5213-30-TNC-79	30dB	50	50	4,000
CPL-5213-20-TNC-79	20dB	50	50	4,000
CPL-5213-10-TNC-79	10dB	50	10	4,000
CPL-5213-06-TNC-79	6dB	50	4	4,000
CPL-5213-XX-TNC-79 MODEL NUMBER	-XX ± 1.0 dB COUPLING	INPUT POWER (WATTS)	REF.	PEAK

MODEL NUMBER
CPL-5213-XX-TNC-79
REV. 1



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.)



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 <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		DRAWING NUMBER CPL-5213-XX-TNC-79
	DRAWN/DATE S. ORKLOV 5/9/06	ENG/DATE R. HALL 5/9/06	SCALE: 1=1 SHEET 1 of 1

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1