

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)
[CPL-5232-16-TNC-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
1.2 FREQ. SENSITIVITY: $\pm 0.65\text{dB}$
1.3 VSWR (MAX): 1.50:1
1.4 INSERTION LOSS: 1.00dB (EXCLUDING COUP. LOSS)
1.5 DIRECTIVITY:
2 to 18 GHz: 12dB MIN.
1.6 POWER: SEE TABLE
1.7 RF IMPEDANCE: 50 OHMS
1.8 COUPLING (MEASURED WITH RESPECT TO OUTPUT)
SEE TABLE
1.9 WEIGHT (MAX.): 7.0 oz.

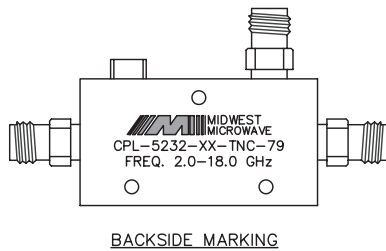
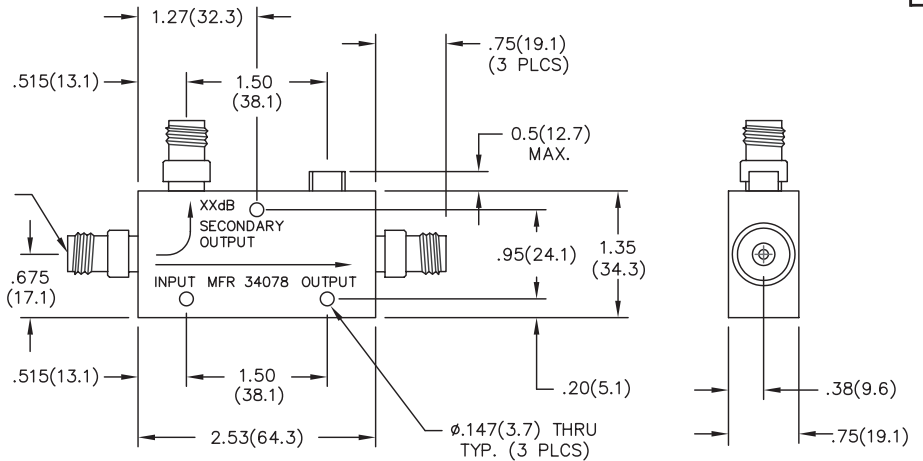
2.0 FINISHING:

- 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-[08-11]

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

TYPE TNC A 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.)

MIDWEST MODEL NUMBER CPL-5232-XX-TNC-79	NOMINAL COUPLING	POWER(WATTS)		
		INPUT	REF	PEAK
CPL-5232-06-TNC-79	6 $\pm 1.0\text{dB}$	50	10	3000
CPL-5232-10-TNC-79	10 $\pm 1.0\text{dB}$	50	10	3000
CPL-5232-16-TNC-79	16 $\pm 1.0\text{dB}$	50	40	3000
CPL-5232-20-TNC-79	20 $\pm 1.0\text{dB}$	50	50	3000



NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.

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: $\pm 1^\circ$

CAGE CODE 34078		MIDWEST MICROWAVE	
 cinch CONNECTIVITY SOLUTIONS a bel group		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5232-XX-TNC-79-01	REV. B
DRAWN/DATE L.BROWN 6/23/99	ENG/DATE J.O'NEIL 7/23/99	CHECKED/DATE	APPROVED/DATE
SCALE: 5=1		SHEET 1 of 1	

MODEL NUMBER
CPL-5232-XX-TNC-79

REV.	DESCRIPTION	DATE
1	RELEASED	7/28/99
A	ECN 18810	11/4/02
B	ECO 22533	6/22/10