

Excellent Integrated System Limited

Stocking Distributor

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

[Cinch Connectivity Solutions](#)
[CPL-5222-16-NNN-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

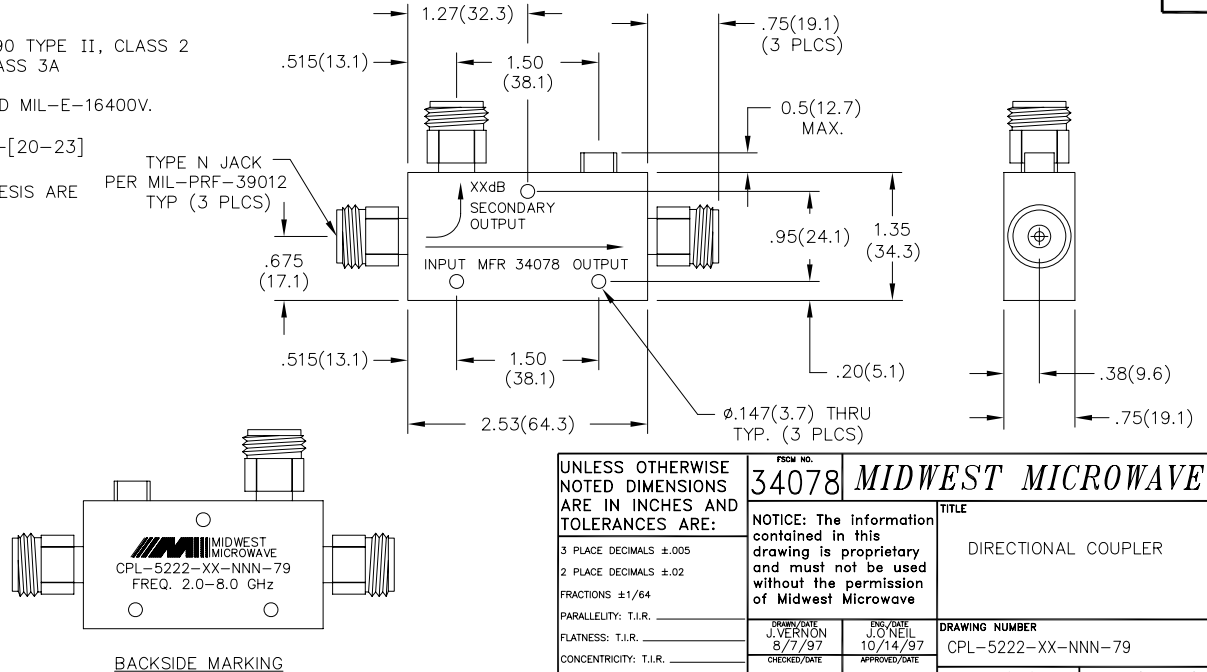
- 1.1 FREQUENCY RANGE: 2.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 0.60 dB
- 1.3 VSWR (MAX): 1.40:1
- 1.4 INSERTION LOSS: 0.70dB MAX. (EXCLUDING COUP. LOSS)
- 1.5 DIRECTIVITY:
2 to 8 GHz: 18dB MIN.
- 1.6 POWER: SEE TABLE
- 1.7 RF IMPEDANCE: 50 OHMS
- 1.8 COUPLING: SEE TABLE
- 1.9 WEIGHT (MAX.): 7.0 oz.

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-08029-82-[20-23]

3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

MIDWEST MODEL NUMBER CPL-5222-XX-NNN-79	NOMINAL COUPLING	POWER(WATTS)		
		INPUT	REF	PEAK
CPL-5222-06-NNN-79	6 ± 1.0 dB	50	10	4000
CPL-5222-10-NNN-79	10 ± 1.0 dB	50	10	4000
CPL-5222-16-NNN-79	16 ± 1.0 dB	50	40	4000
CPL-5222-20-NNN-79	20 ± 1.0 dB	50	50	4000



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: $\pm 1^\circ$

PSW 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
J. VERNON
8/7/97
CHECKED/DATE

ENG./DATE
J. O'NEIL
10/14/97
APPROVED/DATE

DRAWING NUMBER
CPL-5222-XX-NNN-79
SCALE: 1=1 SHEET 1 of 1

DATE	DESCRIPTION	REV.
10/14/97	RELEASED	1
1/20/98	ECN 16439	A
4/22/05	ADDED TITLE BLOCK	A1