

Excellent Integrated System Limited

Stocking Distributor

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

[Cinch Connectivity Solutions](#)
[CPL-5047-10-NNN-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 4.0 to 10.0 GHz
- 1.2 COUPLING: SEE TABLE
- 1.3 FREQUENCY SENSITIVITY: $\pm 0.75\text{dB}$
- 1.4 INSERTION LOSS: 0.25dB MAX.
- 1.5 DIRECTIVITY: 4.0 to 8.0 GHz: 20dB MIN.
8.0 to 10.0 GHz: 17dB MIN.
- 1.6 VSWR: 1.20:1 MAX.
- 1.7 INPUT POWER:
SEE TABLE

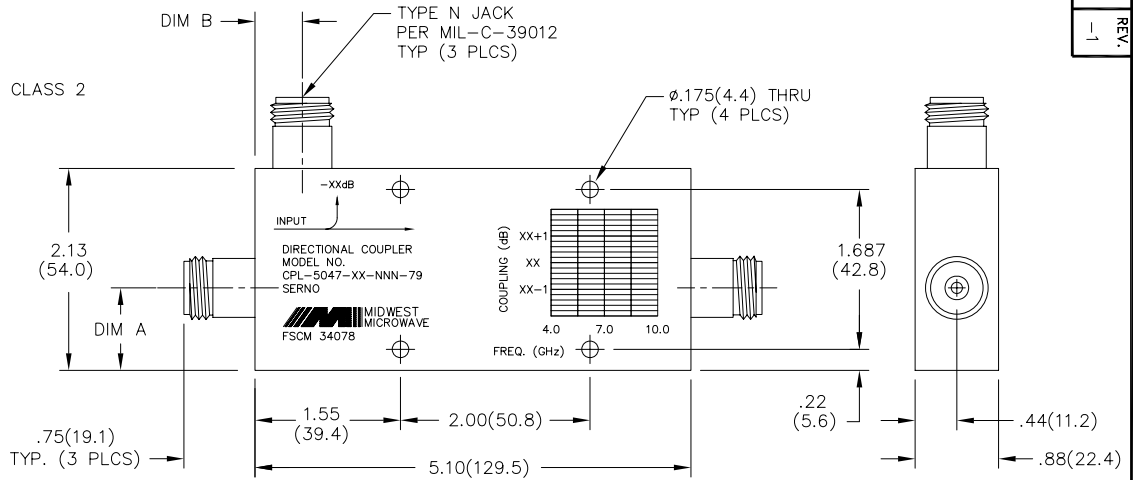
2.0 WEIGHT: 0.50 Kg. (1.1 lbs.)

3.0 FINISHING:

- 3.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400
- 3.2 MARK UNIT AS SHOWN
(REF.: SLK-08053-82-XX)
USING BLUE INK.

4.0 DIMENSIONS IN PARENTHESIS
ARE IN MILLIMETERS.

MODEL NUMBER	COUPLING (dB)	INPUT POWER			DIM A	DIM B
		AVG. IN	AVG. REF.	AVG. PEAK		
CPL-5047-XX-NNN-79						
CPL-5047-10-NNN-79	10 $\pm 1.0\text{dB}$	200 W.	50 W.	10 KW.	.57(14.5)	.66(16.8)
CPL-5047-20-NNN-79	20 $\pm 1.0\text{dB}$	500 W.	500 W.	10 KW.	.57(14.5)	.66(16.8)
CPL-5047-30-NNN-79	30 $\pm 1.0\text{dB}$	500 W.	500 W.	10 KW.	.69(17.5)	.57(14.5)



MODEL NUMBER
CPL-5047-XX-NNN-79
REV.
1

DATE	DESCRIPTION	REV.
12/8/97	RELEASED	1
4/13/05	ADDED TITLE BLOCK	1

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. 34078		MIDWEST MICROWAVE	
3 PLACE DECIMALS $\pm .005$ 2 PLACE DECIMALS $\pm .02$ FRACTIONS $\pm 1/64$		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE DIRECTIONAL COUPLER	
PARALLELITY: T.J.R. _____ FLATNESS: T.J.R. _____ CONCENTRICITY: T.J.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1^\circ$		DRAWN/DATE A.BEATTY 10/29/93 CHECKED/DATE		ENG./DATE J.O'NEIL 12/7/97 APPROVED/DATE	
		DRAWING NUMBER CPL-5047-XX-NNN-79		SCALE: 1=1	
		SHEET 1 of 1			