



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 4.0 to 10.0 GHz
- 1.2 COUPLING: SEE TABLE
- 1.3 FREQUENCY SENSITIVITY:  $\pm 0.75$ 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.)

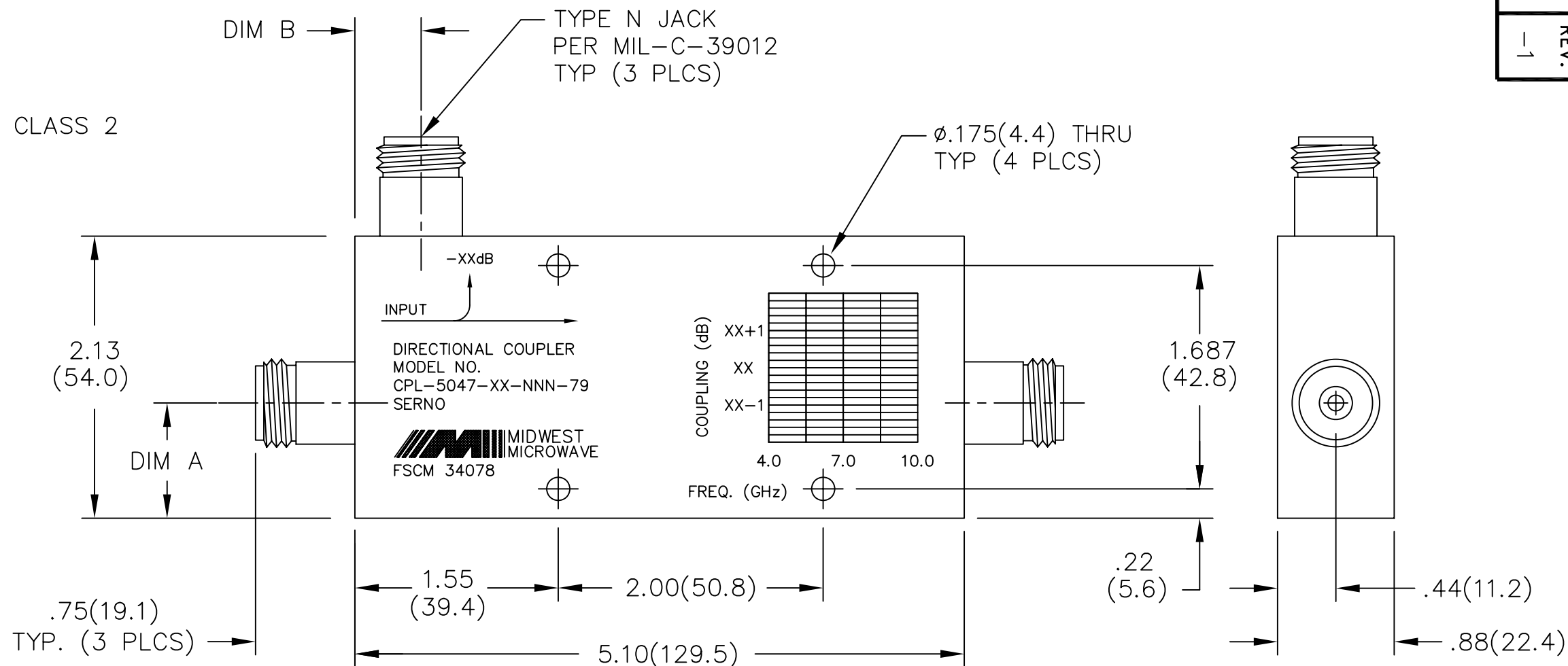
3.0 FINISHING:

- 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 $\pm 1.0$ dB	200 W.	50 W.	10 KW.	.57(14.5)	.66(16.8)
CPL-5047-20-NNN-79	20 $\pm 1.0$ dB	500 W.	500 W.	10 KW.	.57(14.5)	.66(16.8)
CPL-5047-30-NNN-79	30 $\pm 1.0$ dB	500 W.	500 W.	10 KW.	.69(17.5)	.57(14.5)



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

REV.	DESCRIPTION	DATE
-	RELEASED	12/8/97
-1	ADDED TITLEBLOCK	4/13/05

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