



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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MODEL NUMBER  
CPL-5211-10-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 1.0 to 2.0 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.75$ dB
- 1.3 COUPLING:  $10 \pm 1.0$ dB
- 1.4 VSWR (MAX): 1.15:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER):  
0.20dB MAX.
- 1.6 DIRECTIVITY: 25dB MIN.
- 1.7 POWER: AVG INPUT: 50 WATTS  
AVG REVERSE: 10 WATTS  
AVG PEAK: 4 KILOWATTS
- 1.8 RF IMPEDANCE: 50 OHMS

2.0 FINISHING:

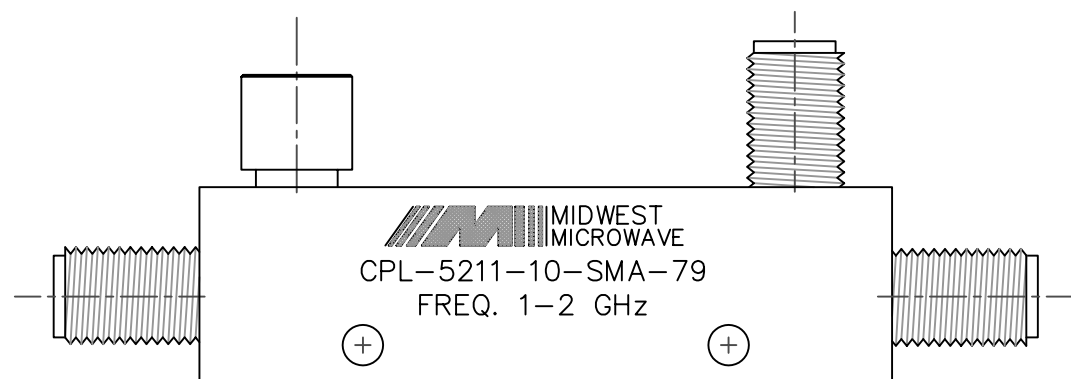
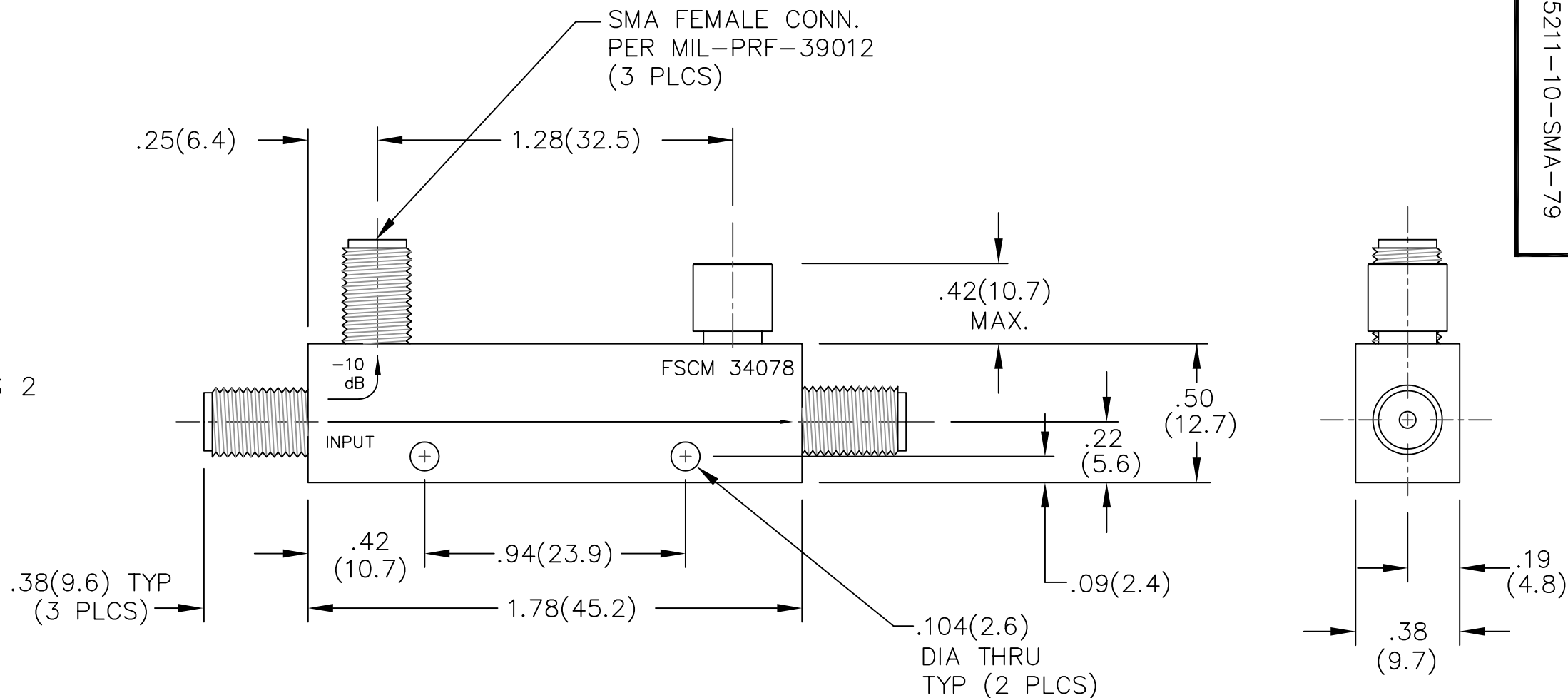
- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2  
OVER MIL-C-5541 CLASS 3A  
MEETS MIL-F-14072  
MEETS MIL-E-5400 AND MIL-E-16400V.

2.2 MARK UNIT AS SHOWN.

REF: SLK:09341-82-05

3.0 DIMENSIONS IN PARENTHESIS ARE  
IN MILLIMETERS.

4.0 WEIGHT: 0.82 Oz (23.2 GRAMS)



BACKSIDE MARKING

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  
3 PLACE DECIMALS  $\pm 0.005$   
2 PLACE DECIMALS  $\pm 0.02$   
FRACTIONS  $\pm 1/64$   
PARALLELITY: T.I.R. \_\_\_\_\_  
FLATNESS: T.I.R. \_\_\_\_\_  
CONCENTRICITY: T.I.R. \_\_\_\_\_  
ANGLES AND PERPENDICULARITY:  $\pm 1^\circ$

CAGE CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
 <b>EMERSON</b> Network Power Connectivity Solutions		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWING NUMBER CPL-5211-10-SMA-79-01	
DRAWN/DATE A.BEATTY 11/15/91		ENG./DATE P.GOODMAN 12/06/91	
CHECKED/DATE C.BONK 11/19/91		APPROVED/DATE	
SCALE: 5=1		SHEET 1 of 1	

REV.  
E

DATE	12/6/91	11/18/10
DESCRIPTION	RELEASED	ECO 22873
REV.	-	E