



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!



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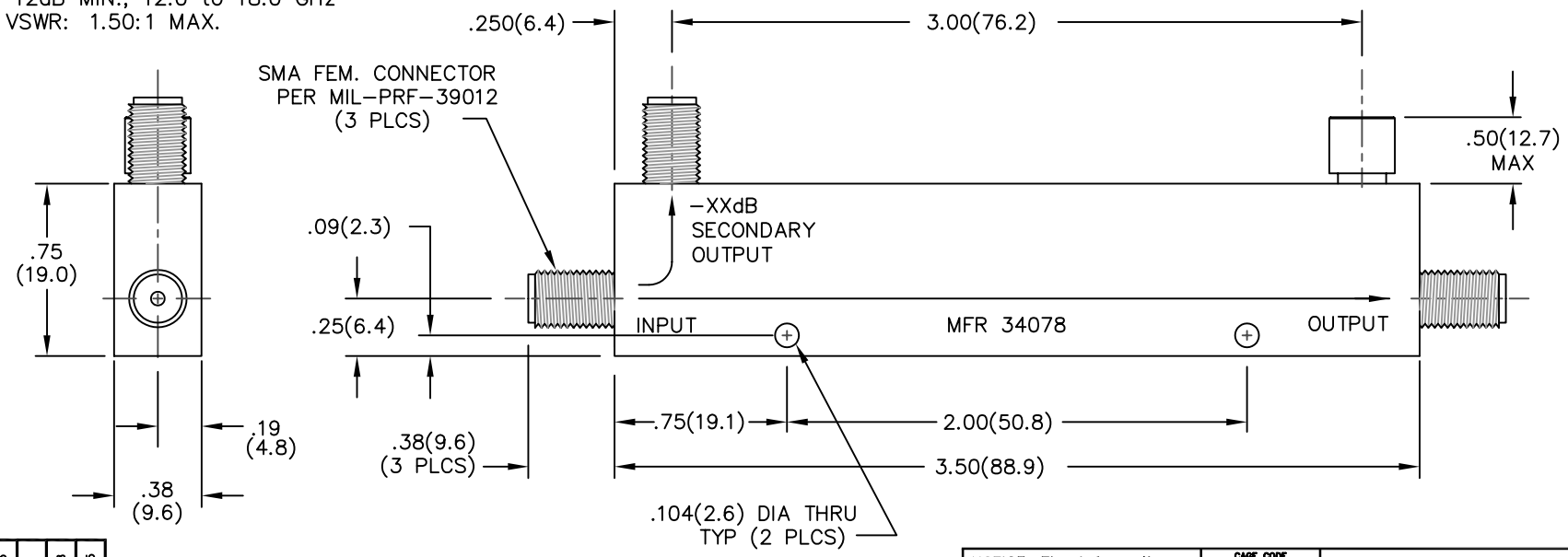


MODEL NUMBER
CPL-5230-XX-SMA-79

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: 0.5 TO 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ±1.0dB
- 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):
SEE TABLE (COUPLING IS REFERENCED TO OUTPUT PORT).
- 1.4 INSERTION LOSS:
1.45dB, INCLUDING COUPLING LOSS
1.00dB, EXCLUDING COUPLING LOSS
- 1.5 DIRECTIVITY: 15dB MIN.
15dB MIN., 0.5 to 12.0 GHz
12dB MIN., 12.0 to 18.0 GHz
- 1.6 VSWR: 1.50:1 MAX.
- 1.7 INPUT POWER: 50 W. AVG.
3 KW PEAK
- 1.8 RF IMPEDANCE: 50 OHMS
- 2.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.
- 3.0 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400

MODEL NUMBER	COUPLING
CPL-5230-XX-SMA-79	-XX ±1.5dB
CPL-5230-10-SMA-79	10
CPL-5230-16-SMA-79	16
CPL-5230-20-SMA-79	20



REV.	DESCRIPTION	DATE
-	RELEASED	7/16/91
A	ECN 11553	2/13/92
B	ECN 12669	5/21/93
C	ECN 13900	9/1/94
D	ECN 16487	2/13/98
D1	ADDED TITLEBLOCK	4/25/05

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 ±.005
 2 PLACE DECIMALS ±.02
 FRACTIONS ±1/64
 PARALLELITY: T.I.R. _____
 FLATNESS: T.I.R. _____
 CONCENTRICITY: T.I.R. _____
 ANGLES AND PERPENDICULARITY: ±1'

CAGE CODE 34078		MIDWEST MICROWAVE	
		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
		DRAWN/DATE A.BEATTY 7/15/91	ENG./DATE P.GOODMAN 7/15/91
DRAWING NUMBER CPL-5230-XX-SMA-79-01		REV. D1	
SCALE: 5=1		SHEET 1 of 1	

