



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:

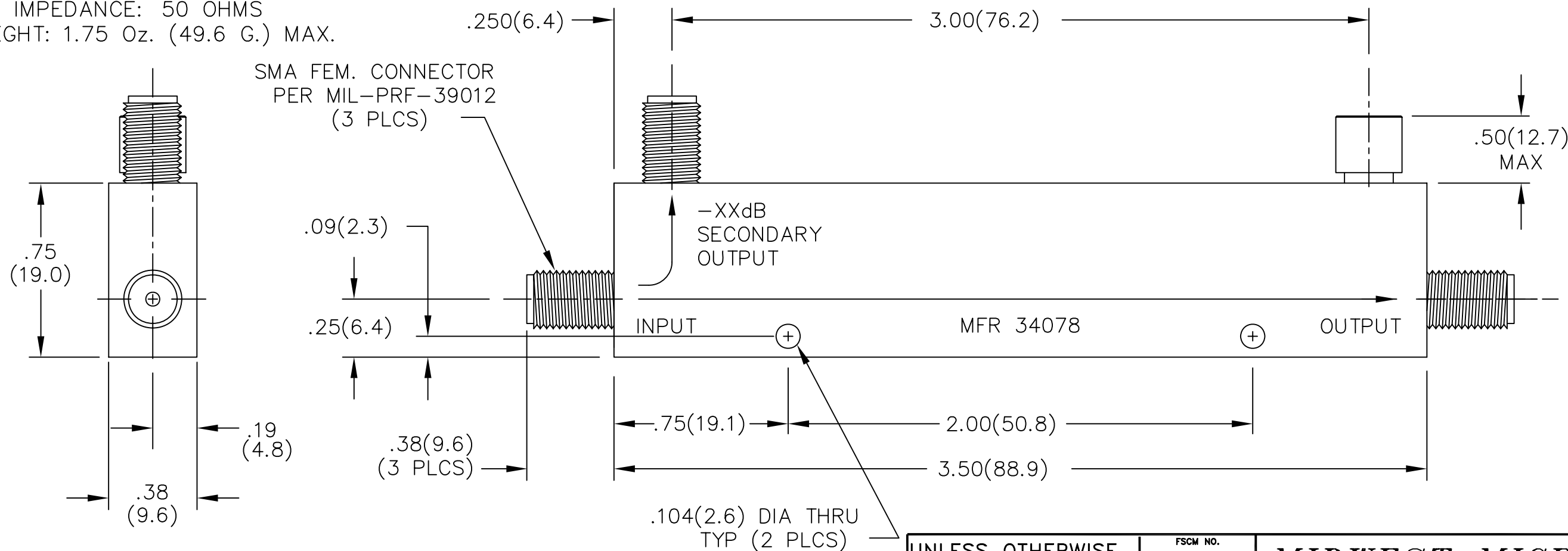
- 1.1 FREQUENCY RANGE: 1.0 to 4.0 GHz
- 1.2 FREQUENCY SENSITIVITY: ± 0.50 dB
- 1.3 COUPLING: SEE TABLE
- 1.3 INSERTION LOSS: (EXCLUDES CPLG. LOSS)
0.50dB MAX.
- 1.4 DIRECTIVITY: 22dB MIN.
- 1.5 VSWR: 1.25:1 MAX.
- 1.6 POWER:
50 WATTS AVG.
4 KILOWATTS PEAK
- 1.7 RF. IMPEDANCE: 50 OHMS
- 1.8 WIEGHT: 1.75 Oz. (49.6 G.) MAX.

2.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

3.0 FINISH

- 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-09182-82-XX)

MODEL NUMBER	COUPLING
CPL-5221-XX-SMA-79	-XX ± 1.0 dB
CPL-5221-06-SMA-79	6
CPL-5221-10-SMA-79	10
CPL-5221-16-SMA-79	16
CPL-5221-20-SMA-79	20



UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

- 3 PLACE DECIMALS ± 0.005
- 2 PLACE DECIMALS ± 0.02
- FRACTIONS $\pm 1/64$
- PARALLELITY: T.I.R. _____
- FLATNESS: T.I.R. _____
- CONCENTRICITY: T.I.R. _____
- ANGLES AND PERPENDICULARITY: $\pm 1'$

FSCM NO.
34078

MIDWEST MICROWAVE

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TITLE
DIRECTIONAL COUPLER

DRAWN/DATE
A.BEATTY
10/10/94

ENG./DATE
J.O.NEIL
11/18/94

DRAWING NUMBER
CPL-5221-XX-SMA-79

CHECKED/DATE
M.HOLLMAN
11/15/94

APPROVED/DATE

SCALE: 2=1 SHEET 1 of 1

DATE	11/18/94	6/18/98	4/22/05
DESCRIPTION	RELEASED	ECN 16721	ADDED TITLEBLOCK
REV.	-	A	A1