



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:

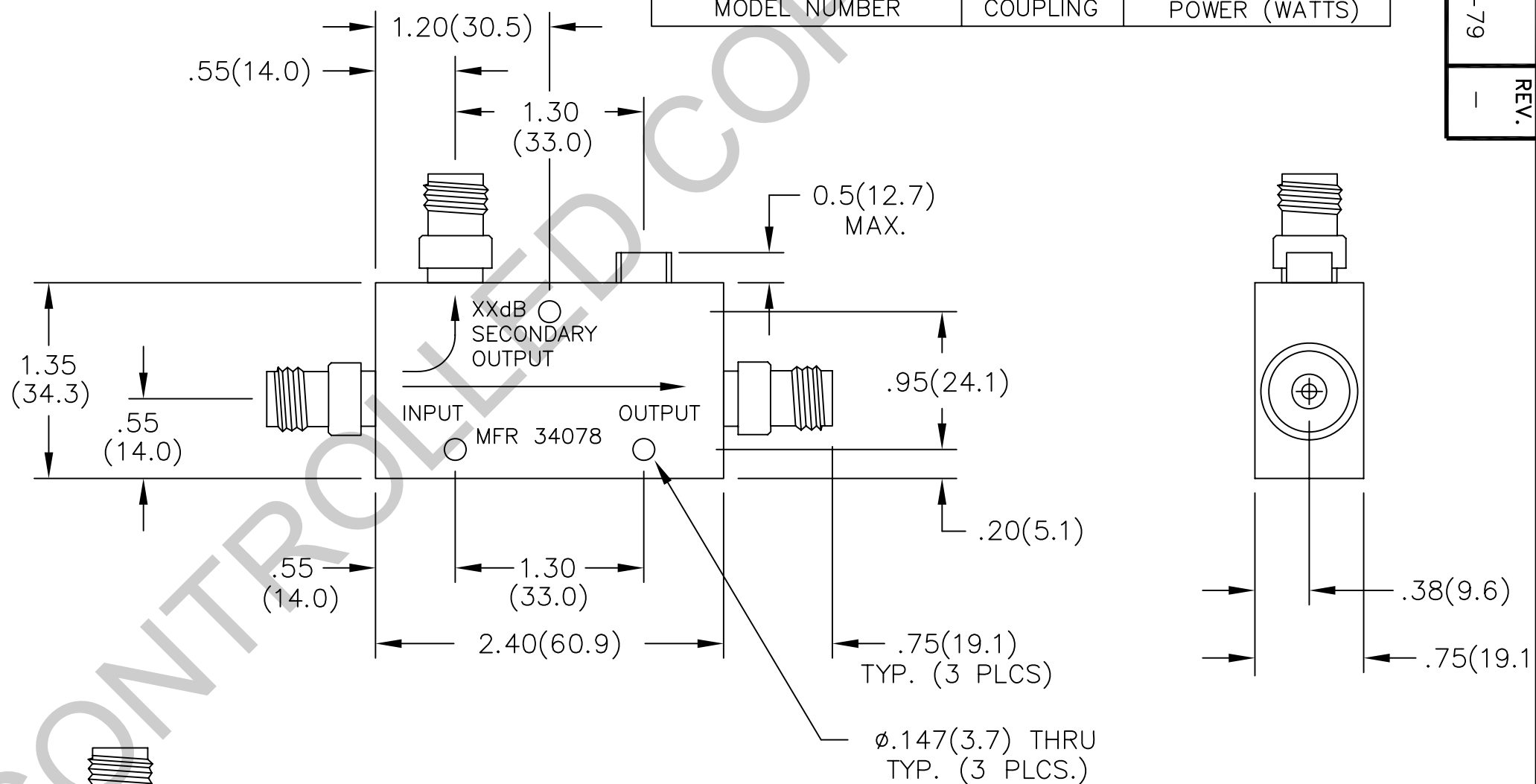
- 1.1 FREQUENCY RANGE: 7.0 to 12.4 GHz
- 1.2 FREQ. SENSITIVITY:  $\pm 0.75$ dB
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.50:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.55dB MAX.
- 1.6 DIRECTIVITY: 15dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

CPL-5215-30-TNC-79	30dB	50	50	3,000
CPL-5215-20-TNC-79	20dB	50	50	3,000
CPL-5215-10-TNC-79	10dB	50	10	3,000
CPL-5215-06-TNC-79	6dB	50	4	3,000
CPL-5215-XX-TNC-79 MODEL NUMBER	-XX $\pm 1.0$ dB COUPLING	INPUT POWER (WATTS)	REF.	PEAK

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-08139-82-[24-27])

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



TYPE TNCA JACK INTERFACE PER MIL-STD-348A FIG. 313-44 (INTERFACE ALSO MEETS TYPE TNC 18 GHz, GRADE 1 PER IEC 169-26, FIG 2) TYP. (3 PLCS.)



BACKSIDE MARKING

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:  $\pm 1^\circ$

FSCM NO.  
**34078**

**MIDWEST MICROWAVE**

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave

TITLE  
DIRECTIONAL COUPLER

DRAWN/DATE  
S.ORLOV  
5/9/06

ENG./DATE  
R.HALL  
5/9/06

DRAWING NUMBER  
CPL-5215-XX-TNC-79

CHECKED/DATE

APPROVED/DATE

SCALE: 1=1 SHEET 1 of 1

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1