



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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# PRELIMINARY



## CX3220NL

COUPLER, 20dB  
 5-1002MHZ  
 IMPEDANCE = 75 OHMS  
 SURFACE MOUNT

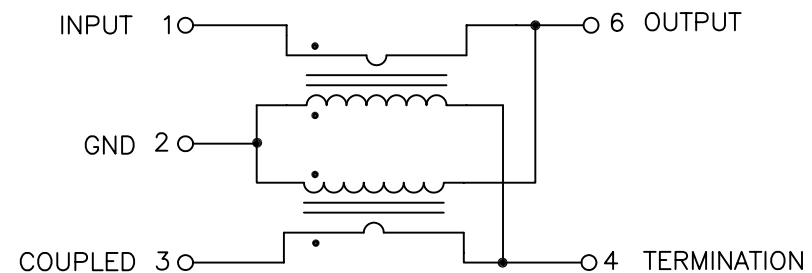
**NOTES: UNLESS OTHERWISE SPECIFIED:**

1. OPERATING TEMPERATURE: -40°C TO +85°C.
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCH WITH THE FOLLOWING TOLERANCES:  
 .XX ±.02  
 .XXX ±.010
5. REVISION: MX1, MX2, ..... ARE PRELIMINARY.
6. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING  
 A "T" SUFFIX TO THE PART NUMBER. ie: CX3220NLT
7. ROHS COMPLIANT



**ELECTRICAL CHARACTERISTICS @ 25°C**

PARAMETER	TEST FREQ, MHz	SPECIFICATIONS
COUPLING LOSS	5-500	20±0.5 dB
	500-1002	18.5±1 dB
TRANSMISSION LOSS. (MAINLINE LOSS)	5-1002	2 dB MAX
RETURN LOSS, INPUT PORT.	5-1002	16 dB MIN
RETURN LOSS, OUTPUT PORT.	5-200	21 dB MIN
	200-1002	17 dB MIN
RETURN LOSS, COUPLED PORT.	5-200	16 dB MIN
	200-1002	16 dB MIN
ISOLATION.	5-50	23 dB MIN
	50-500	22 dB MIN
	500-1002	20 dB MIN



SCHMATIC

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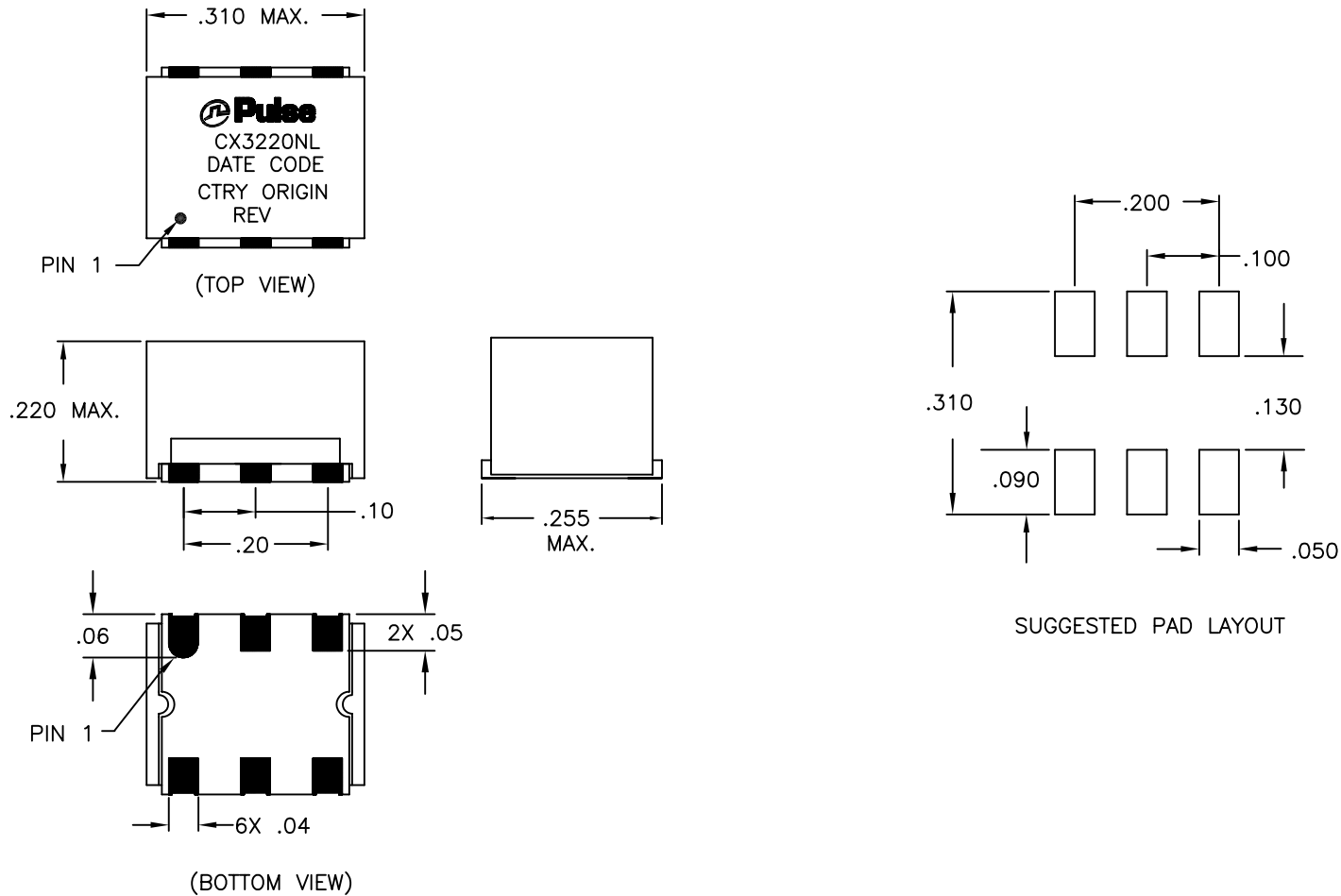
PULSE CONFIDENTIAL  
 &  
 PROPRIETARY

PRODUCT SPECIFICATION:  
 CPLR, DIR, 5-1002MHz, 20dB, SMT

DWG. NO./ PART NO.	SHEET:	REV.
CX3220NL	1	MX1

# PRELIMINARY

## MECHANICAL SPECIFICATIONS:



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PULSE CONFIDENTIAL  
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PROPRIETARY

PRODUCT SPECIFICATION:  
CPLR, DIR, 5-1002MHz, 20dB, SMT

DWG. NO./ PART NO.	SHEET:	REV.
CX3220NL	2	MX1