

C3027NL

- COUPLER, 16dB
- 5–900 MHz
- SURFACE MOUNT, FR4 SUBSTRATE
- IMPEDANCE = 75 OHMS

NOTES: UNLESS OTHERWISE SPECIFIED:

1. OPERATING TEMPERATURE: 0°C TO +70°C.
2. STORAGE TEMPERATURE: –20°C TO +125°C
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCH WITH THE FOLLOWING TOLERANCES:
.XX ±.01
.XXX ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING
A "T" SUFFIX TO THE PART NUMBER. ie: C3027NLT
6. ROHS COMPLIANT



ELECTRICAL SPECIFICATIONS: @ 25°C

COUPLING LOSS:

FREQUENCY	
5–400 MHz	15.9±0.5 dB
400–900 MHz	15.9±0.5 dB

TRANSMISSION LOSS:

FREQUENCY	
5–900 MHz	1.3 dB MAX

ISOLATION:

FREQUENCY	
5–400 MHz	18 dB MIN
400–900 MHz	18 dB MIN

RETURN LOSS: INPUT PORT

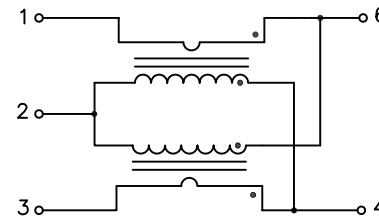
FREQUENCY	
5–900 MHz	18 dB MIN

RETURN LOSS: OUTPUT PORT

FREQUENCY	
5–900 MHz	18 dB MIN

RETURN LOSS: COUPLED PORT

FREQUENCY	
5–900 MHz	19 dB MIN



SCHEMATIC

DESIGNATION	
COUPLED PORT	PIN 3
GROUND	PIN 2
INPUT PORT	PIN 1
OUTPUT PORT	PIN 6
ISOLATED, EXTERNAL 75 OHM	PIN 4

© Copyright, 2012. Pulse Engineering, Inc. All rights reserved. Drawing specifications subject to change without notice. Date (11/14/12)

PULSE CONFIDENTIAL
&
PROPRIETARY

PRODUCT SPECIFICATION:

CPLR,DIR16DB,INDY,UNTERM

DWG. NO./ PART NO.

C3027NL

SHEET:

1

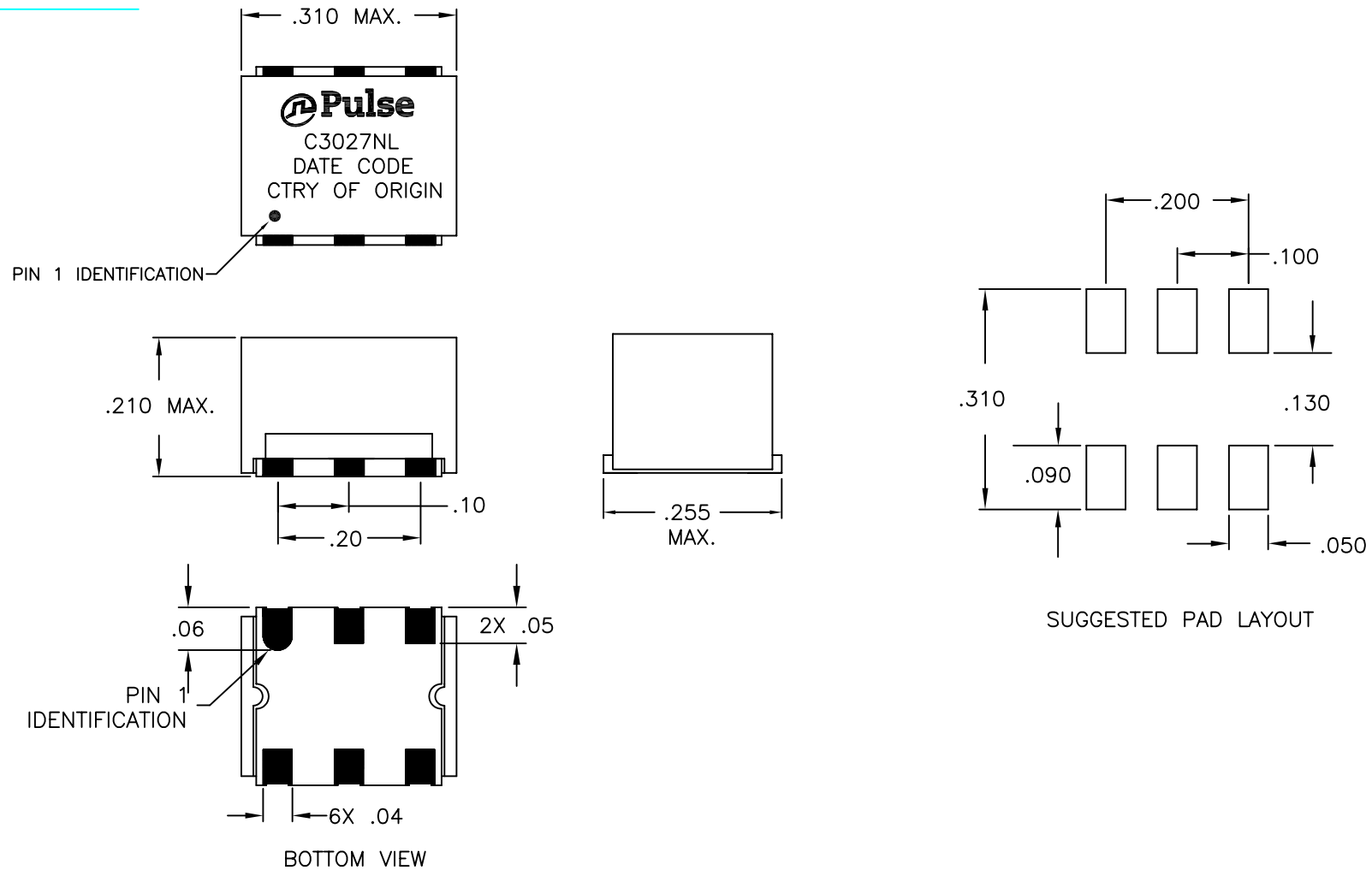
REV.

M13

Pulse Electronics

12220 World Trade Drive
San Diego, CA, USA, 92128
Tel: 858 674 8100

MECHANICAL SPECIFICATIONS:



© Copyright, 2012. Pulse Engineering, Inc. All rights reserved. Drawing specifications subject to change without notice. Date (11/14/12)

PULSE CONFIDENTIAL
&
PROPRIETARY

PRODUCT SPECIFICATION:
CPLR,DIR16DB,INDY,UNTERM

DWG. NO./ PART NO.	SHEET:	REV.
C3027NL	2	M13