

# RF SPLITTER/COMBINER

For RF Applications in Cable Media Products and Distribution Equipment : 2-Way; 0°



- Operating bandwidth: 5 MHz to 1000 MHz
- Ideal for cable distribution equipment and set top box applications
- High Isolation
- Excellent VSWR
- 235°C peak IR reflow temperature rating

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Frequency	Z (Ω)	Isolation		Return Loss		Insertion Loss			
			5-400 MHz (dB TYP/MIN)	400-1000 MHz (dB TYP/MIN)	INPUT (TYP/MAX)	OUTPUT (TYP/MAX)	5-650 MHz (dB TYP/MAX)	650-750 MHz (dB TYP/MAX)	750-870 MHz (dB TYP/MIN)	870-1000 MHz (dB TYP/MIN)
CX4011NL	5 - 1000	75	24/14	30/16	30/22	20/15	0.35/0.55	0.50/0.60	0.60/0.75	0.70/1.00

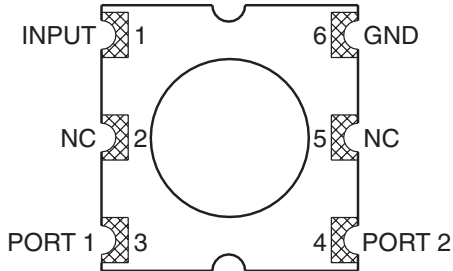
### Additional Specifications

Part Number	Phase Unbalance		Amplitude Unbalance	
	5-400 MHz (deg MAX)	400-1000 MHz (dB MAX)	5-400 MHz (deg MAX)	400-1000 MHz (dB MAX)
CX4011NL	6	3	0.50	0.50

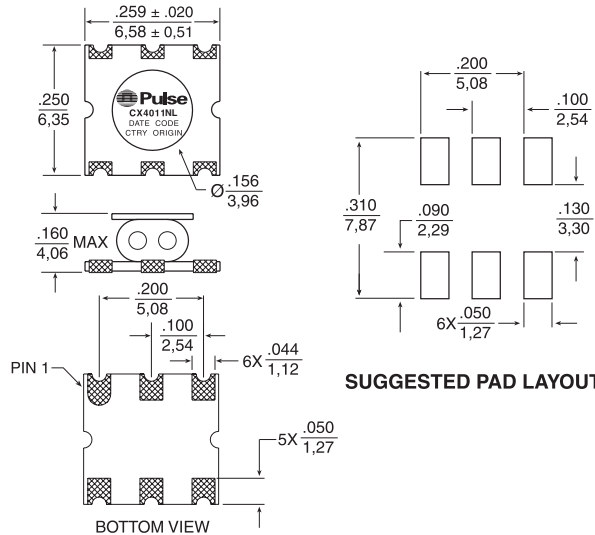
Note: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: CX4011T).

### Mechanical

#### CX4011NL



Power Rating: 1 Watt, Max



Weight.....0.35 grams  
Reel.....2200/reel

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are  $\pm \frac{.005}{0,13}$

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