

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

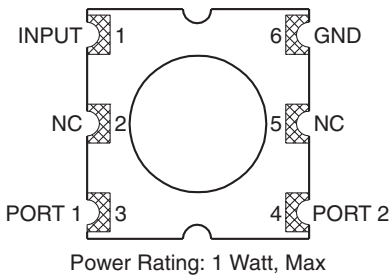
Electrical Specifications @ 25°C

Part No.	Freq. (MHz)	Z (Ω)	Frequency Range (MHz)	Isolation (dB TYP/MIN)	Insertion Loss (dB TYP/MAX)	Amplitude Unbalance (dB MAX)	Phase Unbalance (Deg, MAX)	Frequency Range (MHz)	Return Loss	
									Input (dB TYP/MIN)	Output (dB TYP/MAX)
C4006	5-1000	75	5-40	25 /19	0.40/1.0	0.60	3.0°	5-40	31 /15	20/14
			40-400	27 /19	0.40/0.70	0.40	3.0°			
			400-500	27 /16	0.50/0.70	0.60	3.0°	40-870	27 /16	19/16
			500-1000	26 /10	0.90/1.00	0.60	5.0°	870-1000	18 /16	18/16

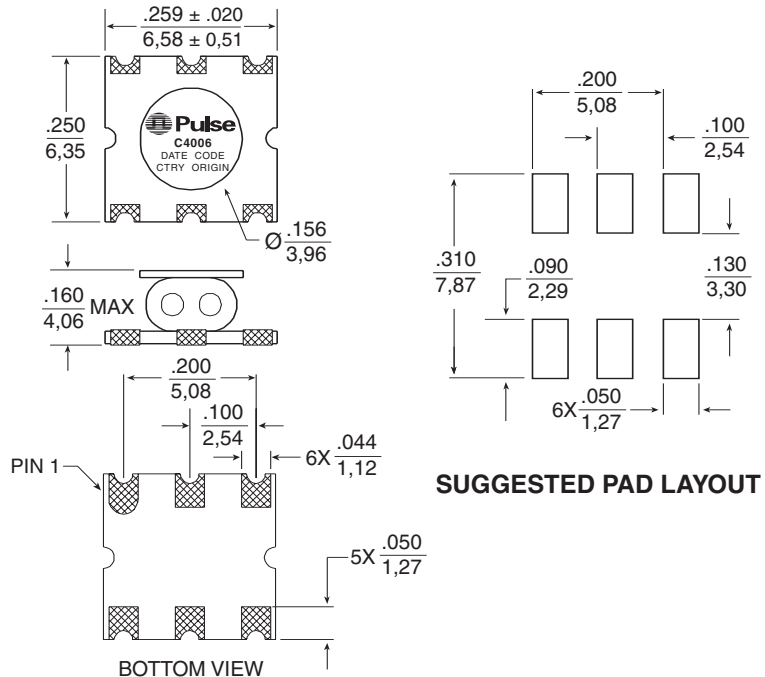
NOTE: This part requires an external 160 Ω resistor between pins 3 and 4. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: C4006T).

Mechanical

C4006



Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.005}{0,13}$
 Weight 0.35 grams
 Tape & Reel 2200/reel



For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	1 & 2 Huxley Road The Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 287 8998 FAX: 65 280 0080	3F-4, No. 81, Sec. 1 HsinTai Wu Road Hsi-Chih, Taipei Hsien Taiwan, R.O.C. Tel: 886 2 2698 0228 FAX: 886 2 2698 0948	19/F, China United Plaza 1008 Tai Nan West Street Cheung Sha Wan, Kowloon Hong Kong, China TEL: 852 2788 6588 FAX: 852 2776 1055	

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.