

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

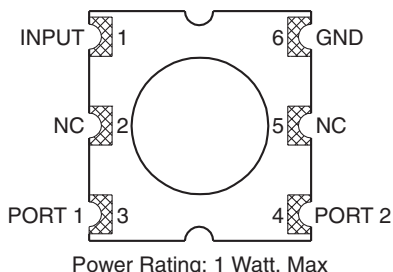
Electrical Specifications @ 25°C

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°	40-870	27 /16	19/16
			400-500	27 /16	0.50/0.70	0.60	3.0°			
			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

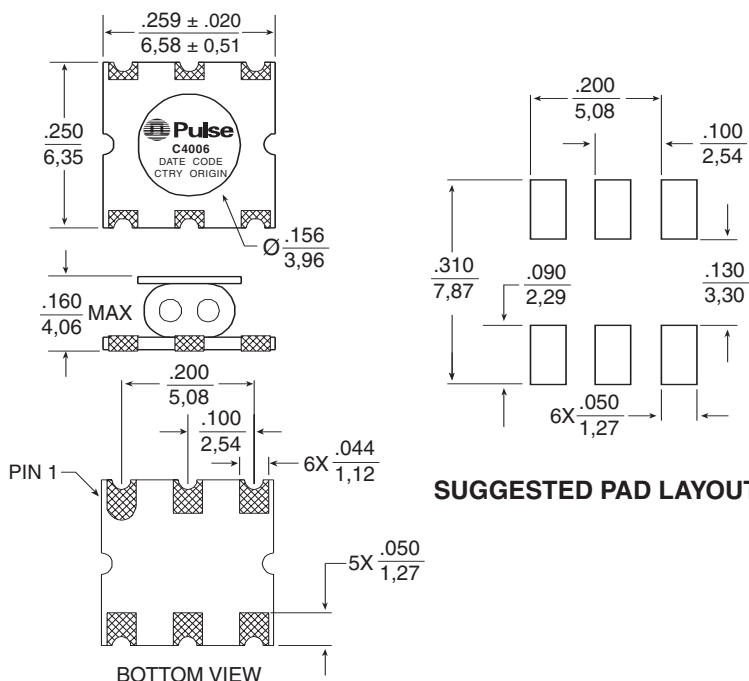


Dimensions: $\frac{\text{Inches}}{\text{mm}}$

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)

12220 World Trade Drive
San Diego, CA 92128
U.S.A.
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE (Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

TAIWAN, R.O.C. (Northern Asia)

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

HONG KONG (China/Hong Kong)

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

DISTRIBUTOR

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

C4006