

RF SPLITTER/COMBINER

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



- Operating bandwidth: 5MHz to 1000MHz
- Ideal for cable distribution equipment and set top box applications

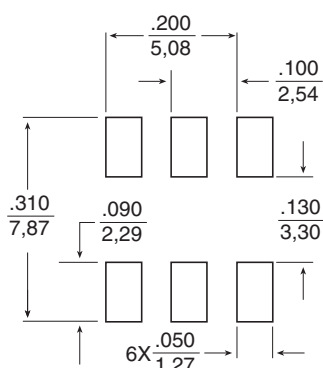
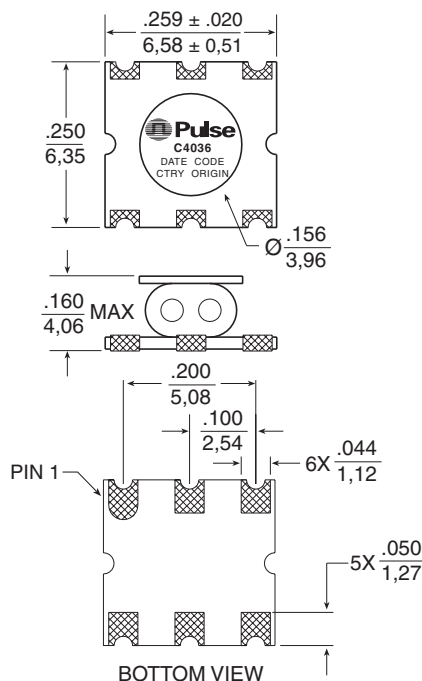
Electrical Specifications @ 25°C

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)
C4036	5-1000	75	5-40	25 /19	0.40/1.0	0.60	3.0°	5-40	31 /16	20/16
			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

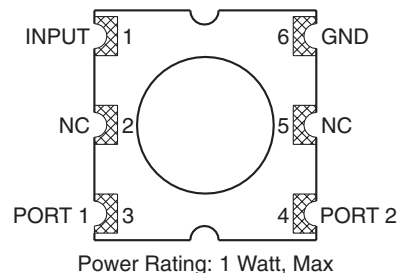
NOTE: This part requires an external 160 Ω resistor between pins 3 and 4. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: C4036T).

Mechanical

C4036



SUGGESTED PAD LAYOUT

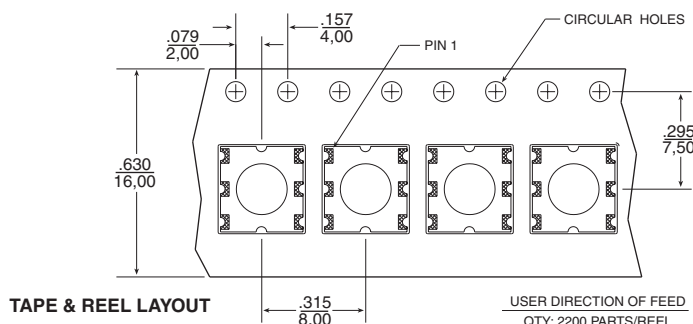


Weight0.35 grams

Tape & Reel2200/reel

Dimensions: Inches
mm

Unless otherwise specified, all tolerances are ± .005
0.13



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)

5 Huxley Road
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 6287 8998
FAX: 65 6280 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)

9/F, Phase 2, Tai Sang
Shatin Warehouse Centre
6 Wong Chuk Yeung Street
Fotan, Shatin, Hong Kong
TEL: 852 2788 6588
FAX: 852 2776 1055

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