

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

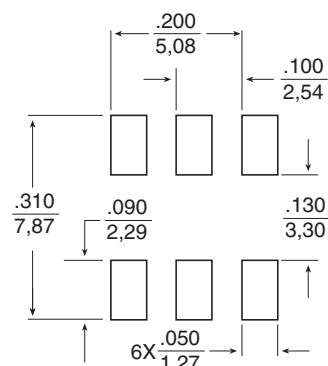
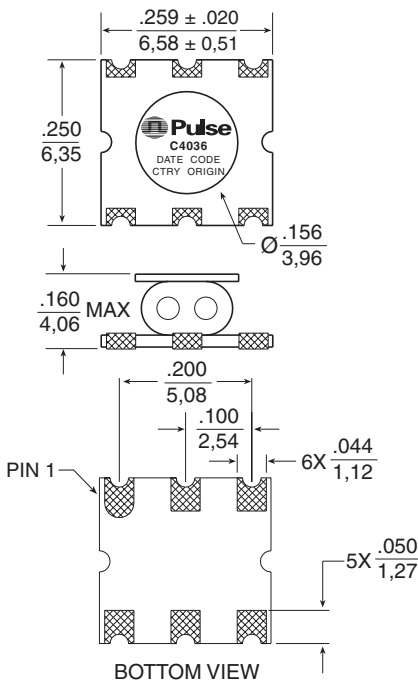
Electrical Specifications @ 25°C

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
			400-500	27 /16	0.50/0.70	0.60	3.0°	870-1000		18 /16
			500-1000	26 /10	0.90/1.00	0.60	5.0°			

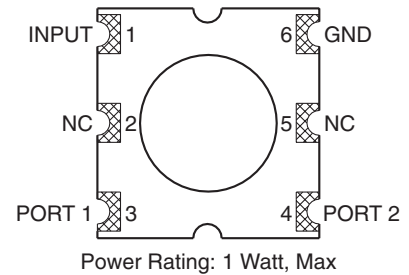
NOTE: This part requires an external 160 Ω resistor between pins 3 and 4. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: C4036T).

Mechanical

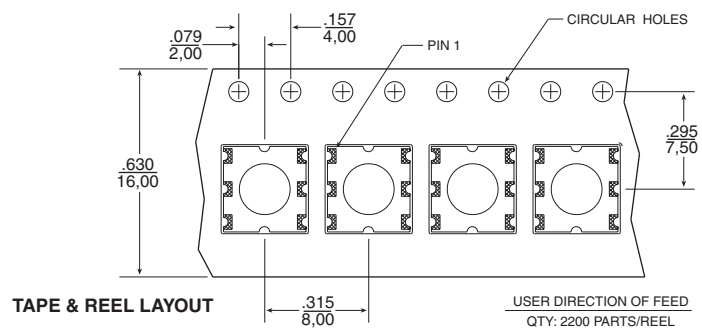
C4036



SUGGESTED PAD LAYOUT



Weight0.35 grams
 Tape & Reel2200/reel
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.005}{0.13}$



For More Information :

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