



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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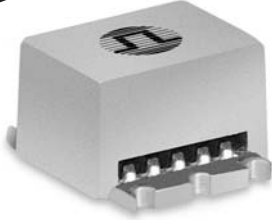
Email & Skype: info@chipsmall.com Web: www.chipsmall.com







Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



RF DIFFERENTIAL SPLITTER

For RF Applications in Coaxial Cable Products and Distribution Equipment



-  Differential inputs and differential outputs
-  Optimized for use with differential amplifiers
-  Operating bandwidth: 96MHz to 864MHz
-  Ideal for set top box applications
-  Good flatness
-  Good Isolation

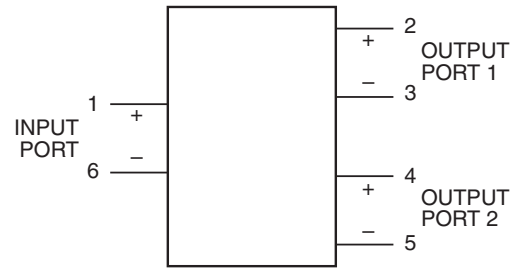
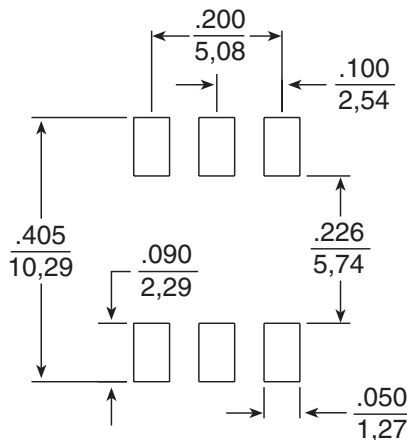
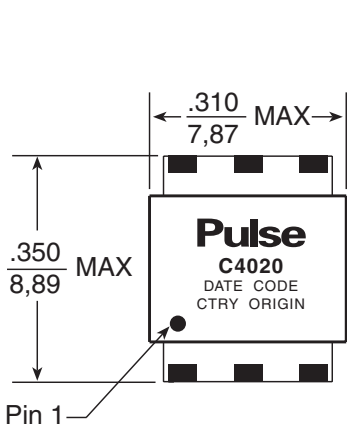
Electrical Specifications @ 25°C

Standard ¹ Part Number	RoHS-6 ¹ Compliant Part No.	Frequency ² (MHz)	Z (Ω)	Insertion Loss (Above 3dB)		Flatness 96-864MHz (dB TYP/MAX)	Isolation 96-864MHz (dB TYP/MIN)	Return Loss 96-864MHz (dB MIN)
				96-400MHz (dB TYP/MAX)	400-864MHz (dB TYP/MAX)			
C4020	C4020NL	96-864	75	1.1/1.8	1.9/3.0	1.0/1.5	25/20	9

Notes: 1. Optional Tape & Reel packaging available by adding a "T" suffix to the part number (ex: C4020T). Specifications apply to both Port 1 and Port 2.
 2. Additional operating frequencies are available. Please contact Pulse Applications Engineering for further details.

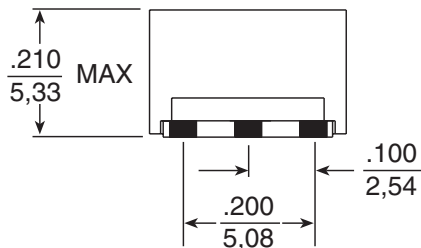
Mechanical

C4020/C4020NL



BLOCK DIAGRAM

SUGGESTED PAD LAYOUT



Weight 0.40 grams
 Tape & Reel850/reel

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

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

RF DIFFERENTIAL SPLITTER

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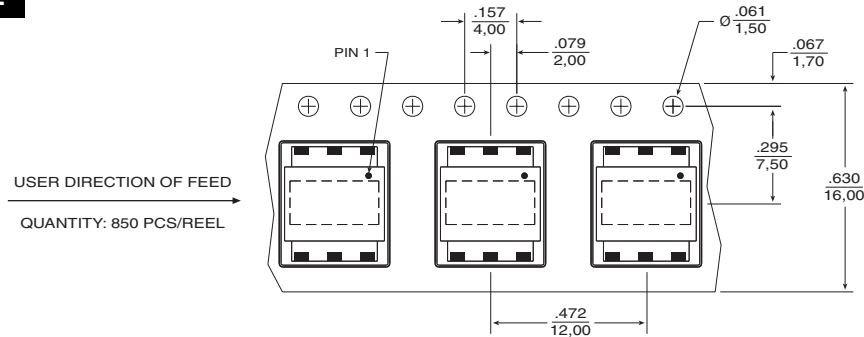


Application Notes

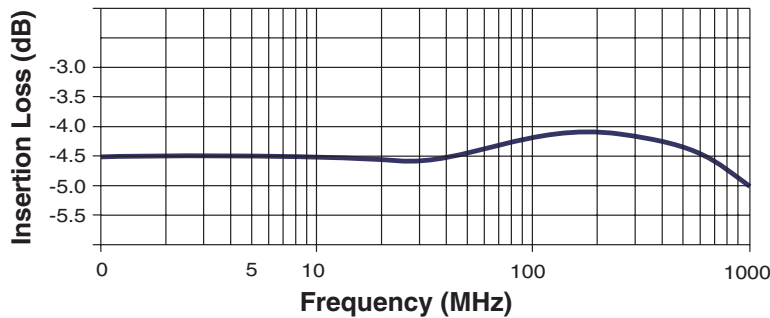
A. Materials used in the products are UL94-V0 recognized. Products meet requirements of IEC 695-2-2 (Needle Flame Test).

Tape and Reel Specifications

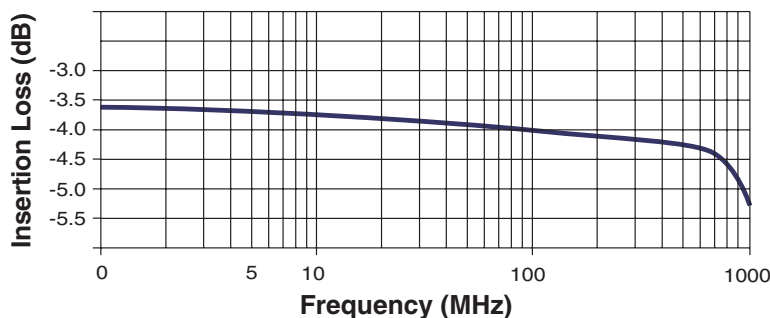
C4020/C4020NL



C4020 / C4020NL - Port 1 Insertion Loss



C4020 / C4020NL - Port 2 Insertion Loss



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