



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!



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CABLE MODEM MAGNETICS

RF Splitter/Combiner

CM03401

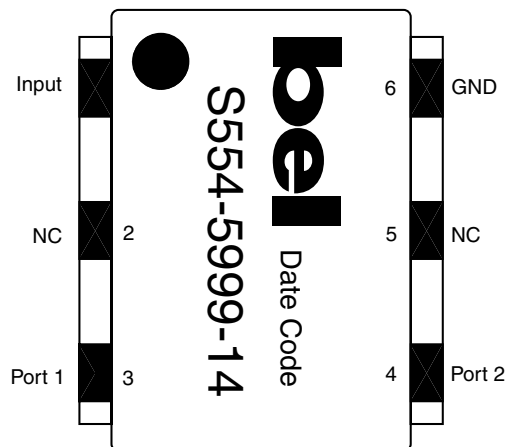
- High isolation splitter
- Excellent amplitude balance
- Ideal for cable distribution equipment and set top box applications
- Operating bandwidth optimized for upstream and downstream data paths
- Operating temperature -40° to +85° C
- Designed to withstand 225° C peak IR reflow temperature

ELECTRICAL SPECIFICATIONS at 25° C

Frequency MHz	Z Ω	Insertion Loss dB max +3dB loss			Return Loss dB min		Isolation dB min		Amplitude Unbalance dB max	
		1MHz to 50MHz	50MHz to 600MHz	600MHz to 1GHz	1MHz to 50MHz	50MHz to 1GHz	1MHz to 50MHz	50MHz to 1GHz	1MHz to 50MHz	50MHz to 1GHz
5 - 1000	75	0.5	0.85	1.2	13	18	20	25	1.2	0.8

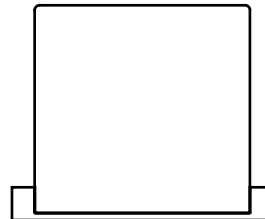
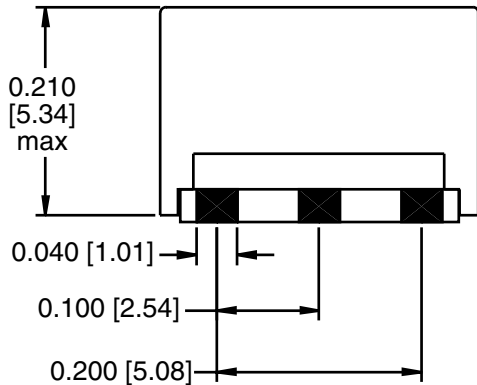
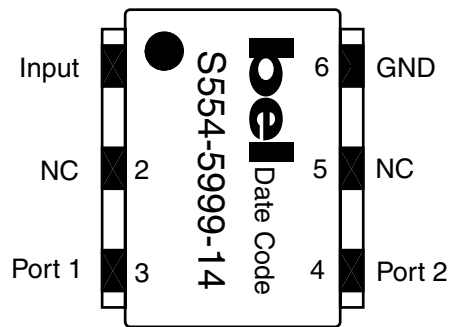
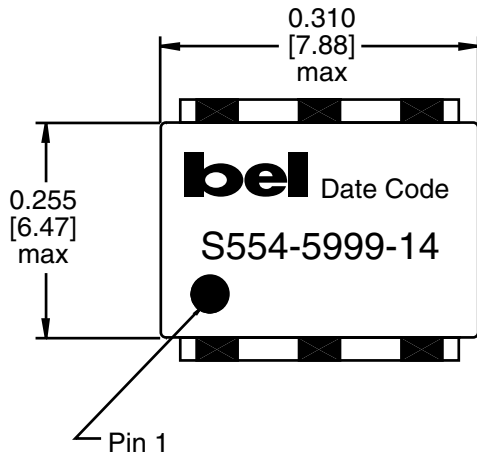
SCHEMATIC

S554-5999-14



MECHANICAL

S554-5999-14



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