



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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# VOICE OVER IP MAGNETICS

## Broadband Transformers

S558-5500-13

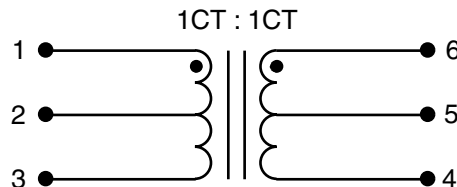
- Support 10 Mbps and 100 Mbps VoIP applications
- Compliant with IEEE 802.3 standards
- Designed to meet 350mA balanced DC line current
- Operating temperature 0° to 70° C
- Minimum interwinding breakdown voltage of 1500 Vrms

### ELECTRICAL SPECIFICATIONS AT 25° C

Turns Ratio ±3%		Insertion Loss dB min	Return Loss		Primary Inductance μH min	Leakage Inductance μH max	Interwinding Capacitance pF max	DCR Ω max			
TXIN : TXO	RXIN : RXO		100kHz to 100MHz	2MHz to 30MHz				60MHz to 80MHz	TXIN	TXO	RXIN
1CT : 1CT	1CT : 1CT	-0.5	-16	-10	400	0.4	20	0.5	0.5	0.5	0.5

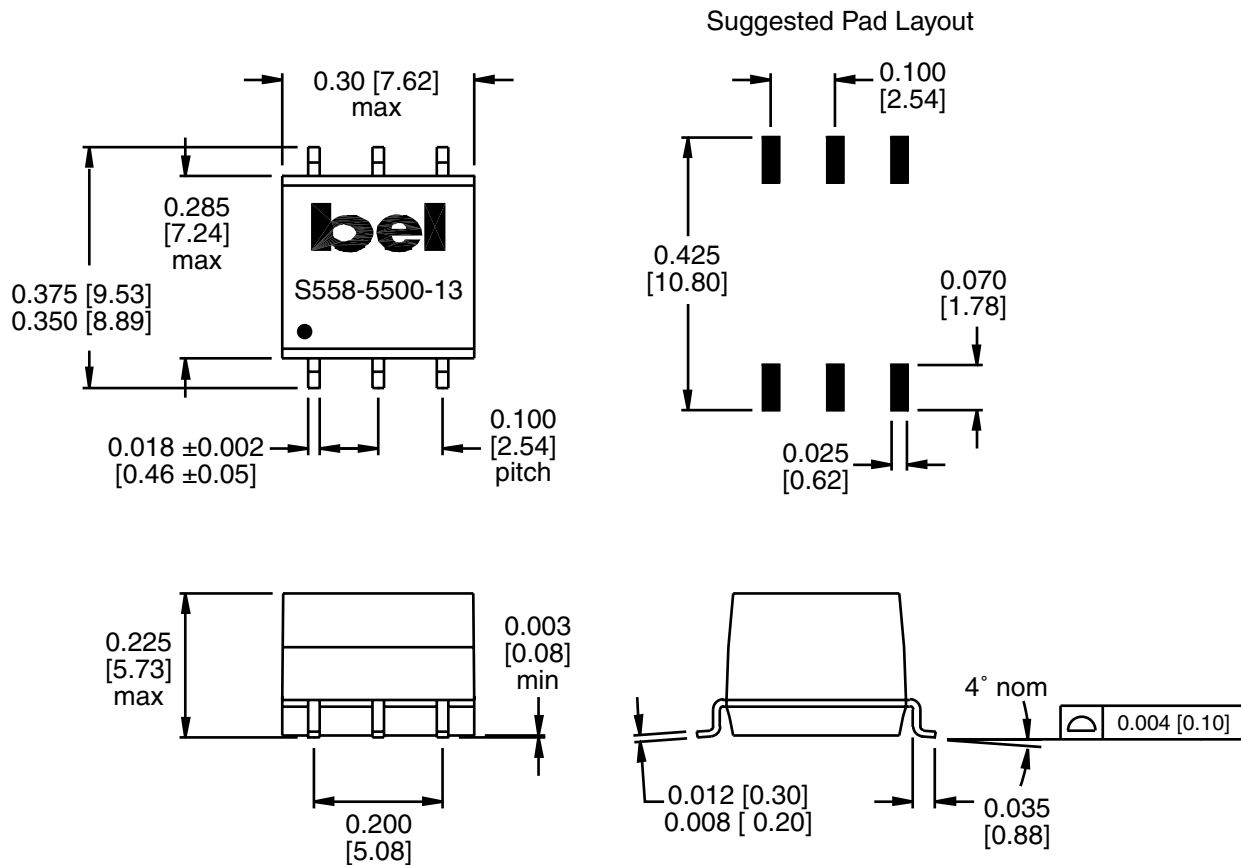
### SCHEMATIC

S558-5500-13



### MECHANICAL

S558-5500-13



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