



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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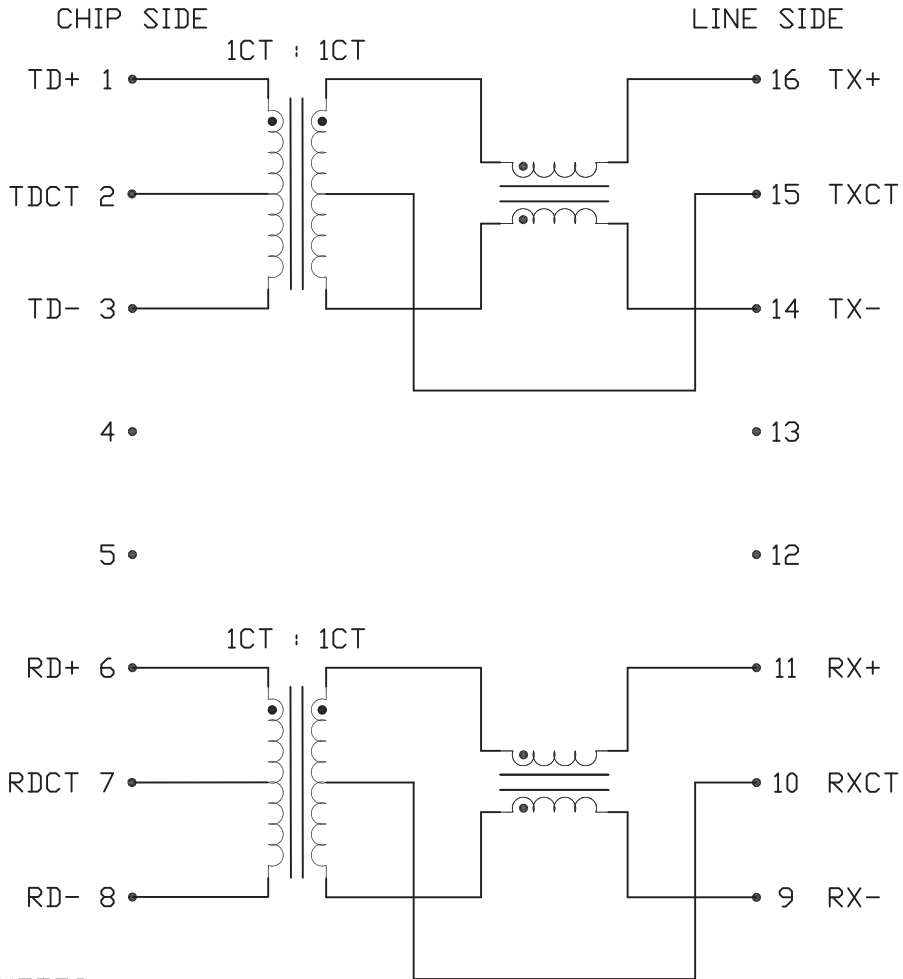


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ELECTRICAL CHARACTERISTICS @25°C



SCHEMATIC



<p>URNS RATIO 1-2-3 : 16-15-14 6-7-8 : 11-10-9</p>	<p>1CT : 1CT 1CT : 1CT</p>
<p>POLARITY □CL Tx PIN 1-3 Rx PIN 6-8</p>	<p>PER DOT CONVENTION</p>
<p>LEAKAGE INDUCTANCE, L_e CHIP SIDE WITH LINE SIDE SHORT</p>	<p>350μH MIN @100kHz, 100mVrms w/8mA DC BIAS</p>
<p>INTERWINDING CAPACITANCE, C_w/w CHIP SIDE TO LINE SIDE</p>	<p>0.3μH MAX @1MHz, 20mVrms</p>
<p>DC RESISTANCE PIN (1-3) = (6-8)</p>	<p>30pF MAX @1MHz, 20mVrms</p>
<p>INSERTION LOSS 300kHz - 80MHz</p>	<p>1.10hm MAX</p>
<p>RETURN LOSS 300kHz - 30MHz 30MHz - 60MHz 60MHz - 80MHz</p>	<p>1.0dB MAX</p>
<p>COMMON TO COMMON MODE REJ 300kHz - 100MHz</p>	<p>18dB MIN 18-20LOG(F/30MHz) dB MIN 12dB MIN</p>
<p>COMMON TO DIFFERENTIAL MODE REJ 300kHz - 100MHz</p>	<p>40dB TYP</p>
<p>CROSSTALK 300kHz - 100MHz</p>	<p>40dB MIN</p>
<p>HIPOT</p>	<p>1500Vrms</p>
<p>OPERATING TEMPERATURE -40°C TO +85°C</p>	

NOTES :

THIS PRODUCT HAS BEEN SUPPLYING TO JAPAN CUSTOMERS. PCN PROCESS NEEDS TO COMPLY WITH 4M CRITERIA.

REV. : F PAGE : 2

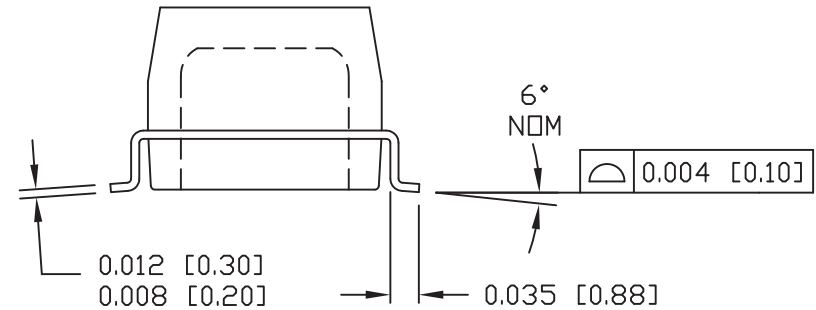
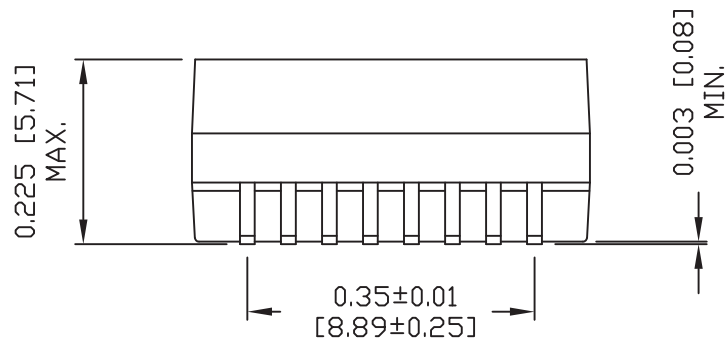
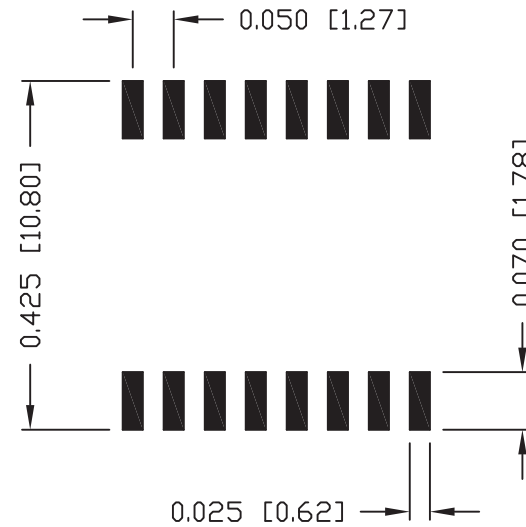
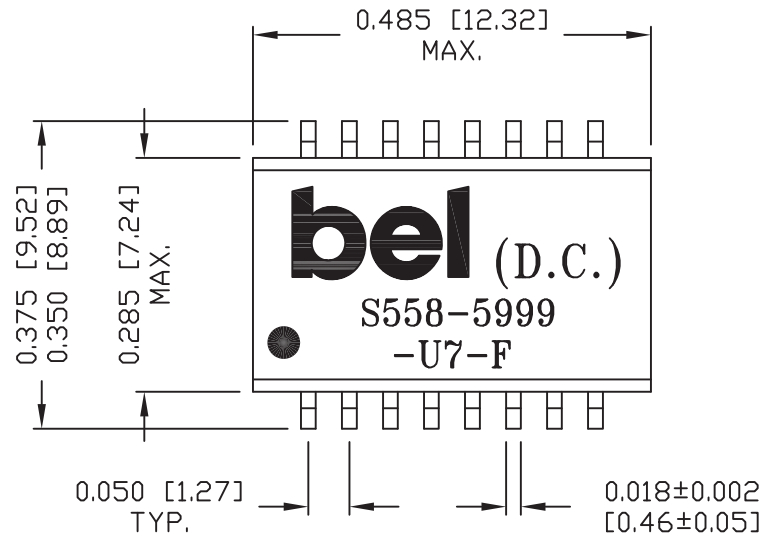
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.	<p>POWER PROTECT CONNECT</p>
Alice Pang	2015-07-16	10/100BT MAGNETICS MODDLE S558-5999-U7-F	X5585999U7-F	TOL. IN INCH	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	
ZC Guo	2015-07-16		X5585999U7FF.DWG	.XX	SIZE : A4	
				.XXX		

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RoHS



SUGGESTED PCB PAD LAYOUT



NOTES :

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".
3. THIS PRODUCT HAS BEEN SUPPLYING TO JAPAN CUSTOMERS. PCN PROCESS NEEDS TO COMPLY WITH 4M CRITERIA.

REV. : F	PAGE : 3		
		STANDARD DIM. [] METRIC DIM. AS REF.	
		TOL. IN INCH	
.X	UNIT : INCH [mm]		
.XX ±0.01	SCALE : N/A		
.XXX ±0.005	SIZE : A4		

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.	
Lawrence Tsang	2015-07-16	MECHANICAL DRAWING S558-5999-U7-F	X5585999U7-F	TOL. IN INCH	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	
ZC Guo	2015-07-16		X5585999U7FF.DWG	.XX ±0.01	SIZE : A4	
				.XXX ±0.005		