Chipsmall

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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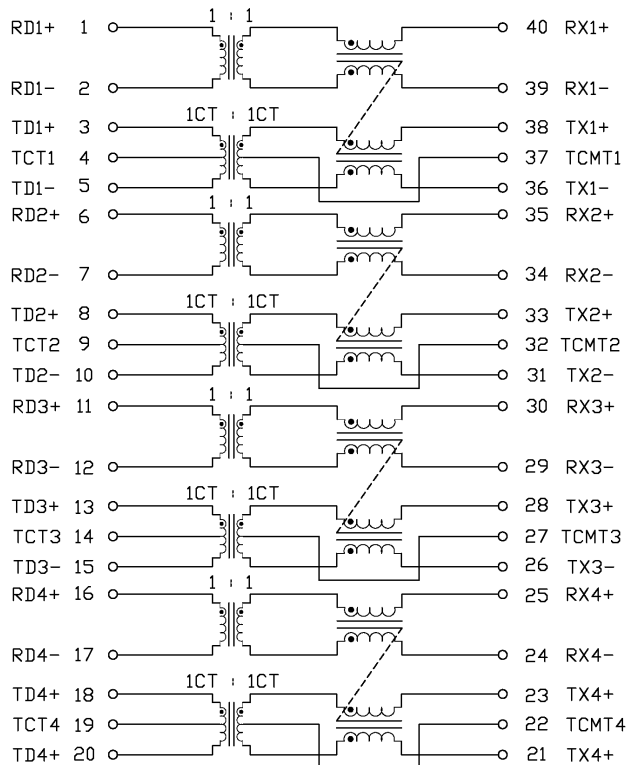
RoHS 2002/95/EC

SCHEMATIC

Pin	Signal		Pin	Signal
1	RD1+	1 : 1	40	RX1+
2	RD1−		39	RX1−
3	TD1+	1CT : 1CT	38	TX1+
4	TCT1		37	TCMT1
5	TD1−		36	TX1−
6	RD2+	1 : 1	35	RX2+
7	RD2−		34	RX2−
8	TD2+	1CT : 1CT	33	TX2+
9	TCT2		32	TCMT2
10	TD2−		31	TX2−
11	RD3+	1 : 1	30	RX3+
12	RD3−		29	RX3−
13	TD3+	1CT : 1CT	28	TX3+
14	TCT3		27	TCMT3
15	TD3−		26	TX3−
16	RD4+	1 : 1	25	RX4+
17	RD4−		24	RX4−
18	TD4+	1CT : 1CT	23	TX4+
19	TCT4		22	TCMT4
20	TD4+		21	TX4+

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
RX	1 : 1
TX	1CT : 1CT
PHASE	PER DOT CONVENTION
OCL	350μH MIN. @ 100kHz, 100mV WITH 8mA DC BIAS
INSERTION LOSS	1.0dB MAX. @ 100kHz TO 80MHz
RETURN LOSS MEASURED UNDER 100Ω ENVIRONMENT	20dB MIN. AT 2 TO 10MHz 18dB MIN. AT 30MHz 15dB MIN. AT 45MHz 12dB MIN. AT 60MHz 10dB MIN. AT 80MHz
COMMON TO DIFFERENTIAL MODE REJECTION	40dB MIN. AT 100kHz TO 100MHz
COMMON TO COMMON MODE REJECTION	30dB MIN. AT 100kHz TO 100MHz
CROSSTALK	35dB MIN. AT 100kHz TO 100MHz
LEAKAGE INDUCTANCE	@ 1MHz, 20mV
Rx	200nH MAX. @ 1MHz, 20mV
Tx	300nH MAX. @ 1MHz, 20mV
HIPOT	PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
HO	08-24-06	ELECTRICAL SPECIFICATION	X5585999C0-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE	S558-5999-C0-F	FILE NAME	.XX	SCALE : N/A	SIZE : A4
DQ Chen	08-24-06		X5585999C0FA.DWG	.XXX		PAGE : 2

bel COMPONENTS FOR A CONNECTED PLANET

DC002(2)032305   This document is electronically generated. This is a controlled copy if used internally

RoHS
2002/95/EC

SUGGESTED PCB PAD LAYOUT

0.050 [1.27]

0.645 [16.38]

0.070 [1.78]

0.030 [0.77]

1.10 [27.94]

bel (D.C.)

● S558-5999-C0-F

0.60 [15.24]

0.476 [12.09]

0.018±0.002 [0.46±0.05]

0.050 [1.27]

0.226±0.010 [5.74±0.25]

0.176 [4.47]

R0.008 [R0.20]

R0.010 [R0.25]

0°~5°

0.004

0.035 [0.89]

0.062 [1.57]

0.60 [15.24]
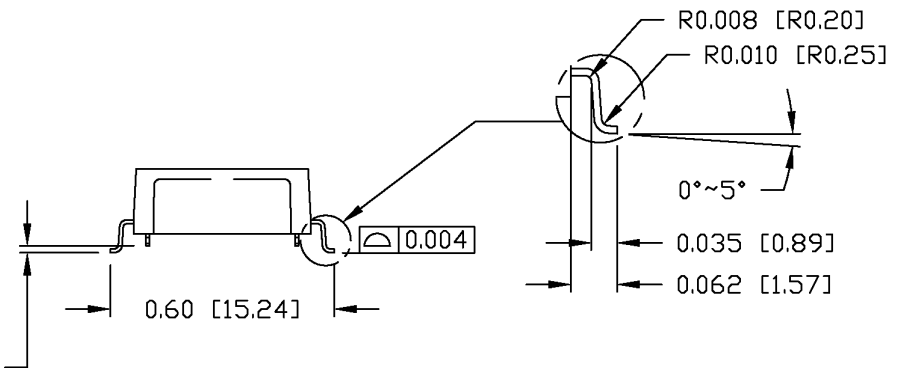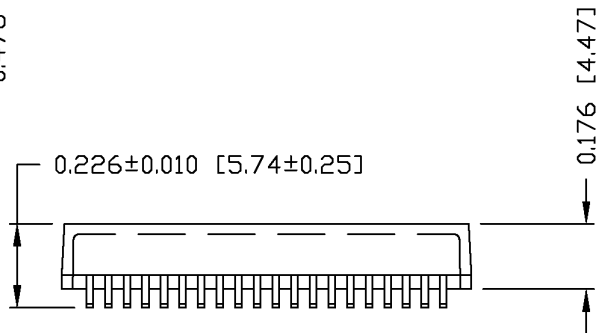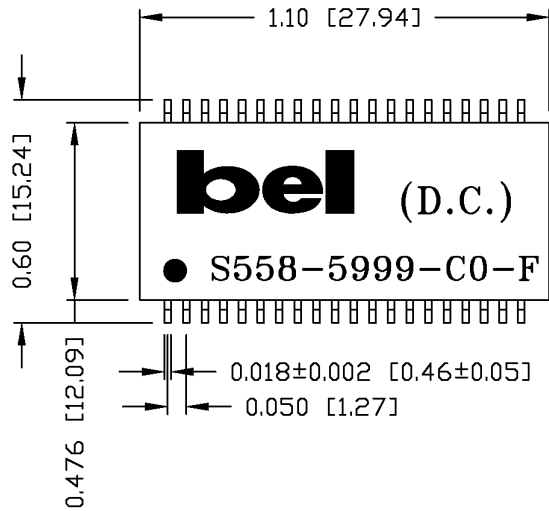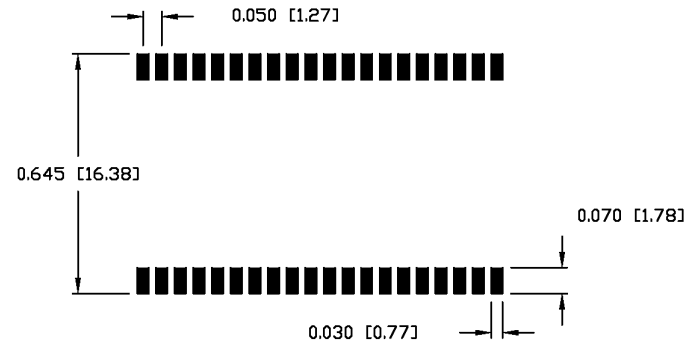
0.010[0.25]
MIN.

NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.

2. PACKAGE CODE: "RRS001".

ORIGINATED BY	DATE	TITLE		PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE			
Lawrence	08-24-06	MECHANICAL OUTLINE		X5585999C0-F			UNIT : INCH [mm]	REV. :	A	**bel**
DRAWN BY	DATE	S558-5999-C0-F		FILE NAME	.X		SCALE : N/A	SIZE :	A4	COMPONENTS FOR A CONNECTED PLANET
DQ Chen	08-24-06			X5585999C0FA.DWG	.XX	±0.01		PAGE :	3	
					.XXX	±0.005				