



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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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

# CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		Release for New production	10/12/2010	YuWen Chu
B	ECN-11-024	Change the LED design to directly LED	06/21/2011	Lawrence Chan
CX1		Change Dimension from 12.20 to 12.18	09/25/2013	Roger Tsai

## Compliant with IEEE 802.3ab Standard

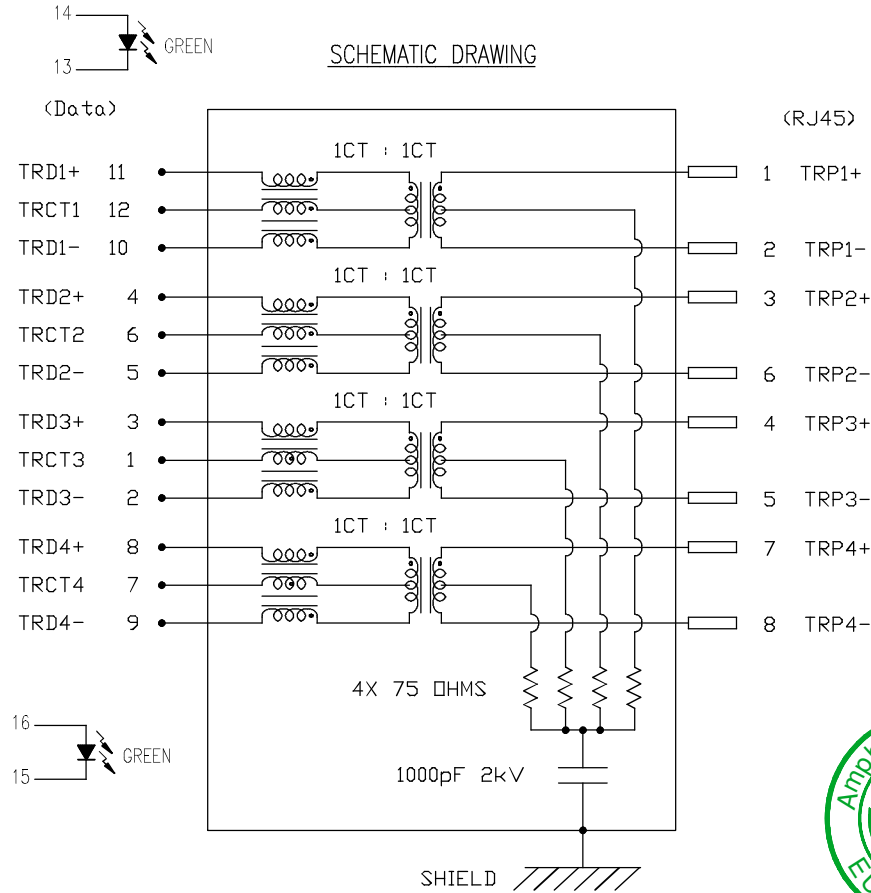
### CONNECTOR PERFORMANCE ELECTRICAL SPECIFICATION(@25° C)

PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
INSERTION LOSS	-0.8dB MAX. -1.2dB MAX.	0.1-100 MHz 100-125 MHz
RETURN LOSS	-18dB MIN. -12+20 log(f/80MHz)dB MIN.	0.5-40 MHz 40-100 MHz
CM-CM REJECTION	-30dB MIN.	100 KHz-100 MHz
CM-DM REJECTION	-35dB MIN.	100 KHz-100 MHz
CROSSTALK ISOLATION	-30+20 log(f/100MHz)dB MIN.	100 KHz-100 MHz
HIPOT (ISOLATION)	2250kVDC 1mA	60S
OCL	350uH MIN.	100KHz 100mV 8mA
TURN RATIO	1:1±2%	

### LED PERFORMANCE

PARAMETER	SINGLE COLOUR		UNITS
	GREEN	YELLOW	
FORWARD CURRENT IF MAX	30	30	mA
REVERSE CURRENT IR MAX	100	100	uA
REVERSE VOLTAGE VR MAX	-5	-5	V
T OPERATURE	-40~+85	-40~+85	°C
T SOLDERING	260+/-5	260+/-5	°C
POWER DISS. Pd	80	80	mW
PEAK WAVELENGTH	568	585	nm
FORWARD VOLTAGE TYP	2.2	2.2	V (@IF=20mA)
FORWARD VOLTAGE MAX	2.5	2.5	V (@IF=20mA)

LED 1 POLARITY			LED 2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN



TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15	DRAWN Jophy Li	09/25/2013	RJMG201X SERIES Single Port 1000 Base-T SERIES Ultra Low Profile Tab Up		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation	
ANGULAR ±1°	CHECKED Vivian Wen	09/25/2013	UNIT mm	SIZE A3	RJM2012211A0FR	
UNLESS OTHERWISE SPECIFIED	APPROVED Roger Tsai	09/25/2013	SCALE NA	SHEET 2 OF 2	DWG No.	RJM2012211A0FR
	DWG TYPE CUST DWG	PROJECT CODE GT363			REV.	CX1