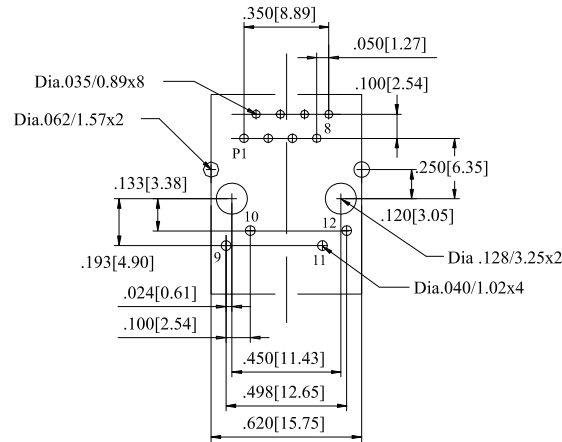


Feature:

- . Complies with IEEE standards and all 10/100 Ethernet specifications including 350uH with 8mA DC bias
- . Intergrated Mag-modular design provides higher reliability and conserves minimizing PCB space
- . Housing: Thermoplastic PBT+30%GF UL94V0 rated
- . Contact :Phosphor Bronze C5191,Thickness=0.35mm plated Nickel 30u" Min, Gold plated on content area 6u" Min
- . Input Terminal : Brass ,Thickness=0.35mm
- . Finish : 120m' min Tin over 50m' min Nickel
- . Metal shielding: Copper alloy with Nickel plated(C2680), Thickness=0.20mm Ni 30u" Min
- . Different color of LEDs option available
- . Operating temperature:0 °C to +70 °C
- . Storage temperature: -40 °C to +85 °C

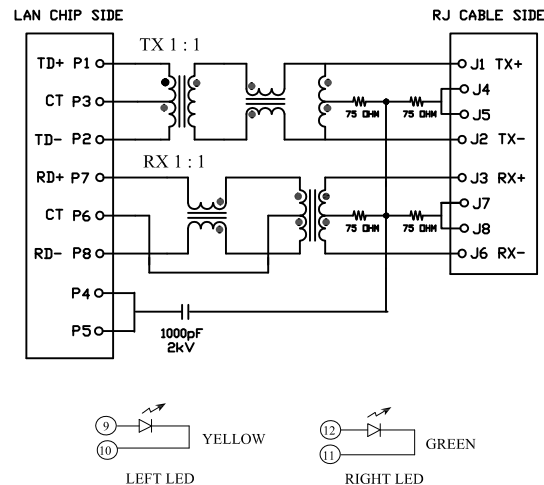
Electrical Specifications: (25°C)

1. Turns Ratio: @100KHz,0.1V: 1:1±5%	4. Common Mode Rejection: @1~100MHz: -30dB Min @200MHz: -20dB Min
2. Insertion Loss: @1~80MHz : -1.0dB Max @ 100MHz:-1.5dB Max	5. Crosstalk: @1~100MHz : -30dB Min
3. Return Loss: @1~30MHz : -20dB Min @ 60~80MHz : -12dB Min	6. OCL: @100KHz, 0.1V 8mADC : 350uH Min
	7. Hi-Pot : 1200V AC, 1mA, 1Sec



Suggested PCB Layout(Component side view)

SCHEMATIC



ORDER INFORMATION

A	M	J	01	88	3	G1	Z	0	E	6	-129
Layer A: Single B: Dual	M: Bottom /Reverse W: Top /Positive	J: Jack S: Short O: Open F: Fis N: Normal H: Height M: Multiple	Port No.	44: 4P4C 62: 6P2C 64: 6P4C 66: 6P6C 88: 8P8C 18: 10P8C 28: 12P8C 10: 10P10C	1: SMT RA 2: SMT VT 3: DIP RA 4: DIP VT 5: DIP 45° Upright	G1: Gold Flash G2: 5u" G3: 10u" G4: 15u" G5: 30u" G6: 50u" G7: 3u" G8: 6u"	P: Plastic E: Metal w/1 EMI w/2 EMI Z: Metal w/o EMI	Filter 0: w/o Filter 1: w/Gigabyte 2: w/100/10	LED light E: G n Y	Height:mm 6=13.41mm	

REV.	REVISION RECORD	DATE	General Tolerances		
A	Original	10/18/04'	LINEAR	0.0 ±0.35 0.00±0.20	ANGLES ±3°
B	Part no.	05/21/15'	UNIT: mm(in)		
			A4	NAME	DATE
			APPROVED	MARTIN	
			DESIGNER	MERLIN	
			DRAWN	ANGEL	

ARIBA
TECHNOLOGY CO., LTD.

TITLE: Modular Jack 8P8C DIP RA Shield LED Y-G 13.4H			
DWG.NO.: AMJ01883G1Z0E6-129	REV. B	SCALE	1 : 1
SHEET	1 OF 1		