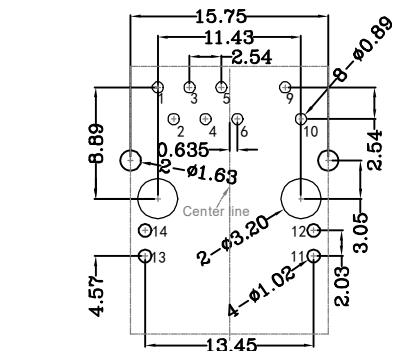
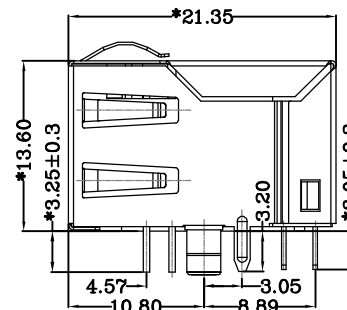
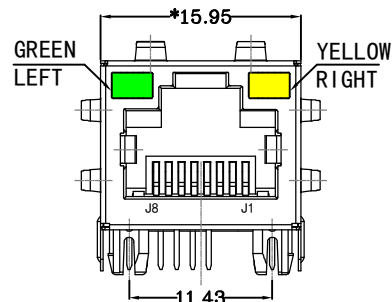
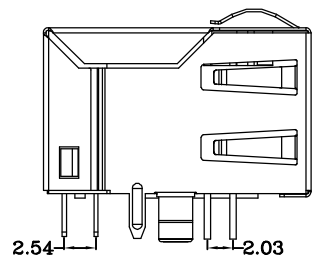
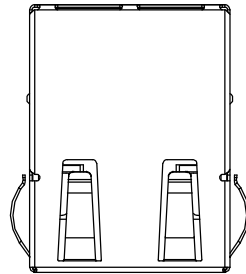
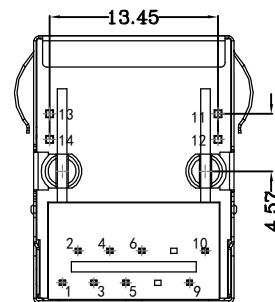


REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE			



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



Operation Temperature: -40°C to +85°C

MJT12 - B4 623 X X X X X X

Shield			Gold Plating		
0 - w/o Shield	No. of Ports			Insulator	1 - Fμ"
1 - Shield w/o EMI	1 - 1X1			1 - PBT	2 - 3μ"
2 - Shield w/ EMI	2 - 1X2	LED Color	Plastic Peg	2 - PA66	3 - 6μ"
3 - Half Shield	4 - 1X4	0 - w/o LED	1 - Split	3 - PA46	4 - 15μ"
	6 - 1X6	1 - Y/G	2 - Cross	4 - LCP	5 - 30μ"
	8 - 1X8	2 - G/Y			6 - 50μ"
		3 - G/G			
		4 - Y/Y			
		5 - Special			

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	RJ45 MAGJACK, TAB-UP, POE
X. ±0.35	X. ±3.0°			UNITS	mm	100BASE, SHIELD W/ EMI & LED	
.X ±0.30	.X ±2.0°			SHEET SIZE	A4	PART NO.	MJT12-B46232121XX
.XX ±0.25	.XX ±1.5°						
.XXX ±0.10	.XX ±1.0°						
DRAWING TYPE		CUSTOMER		WAYCONN CO.,LTD			
SCALE	1:1	SHEET	2 OF 2				
SERIES	MJT12 SERIES						

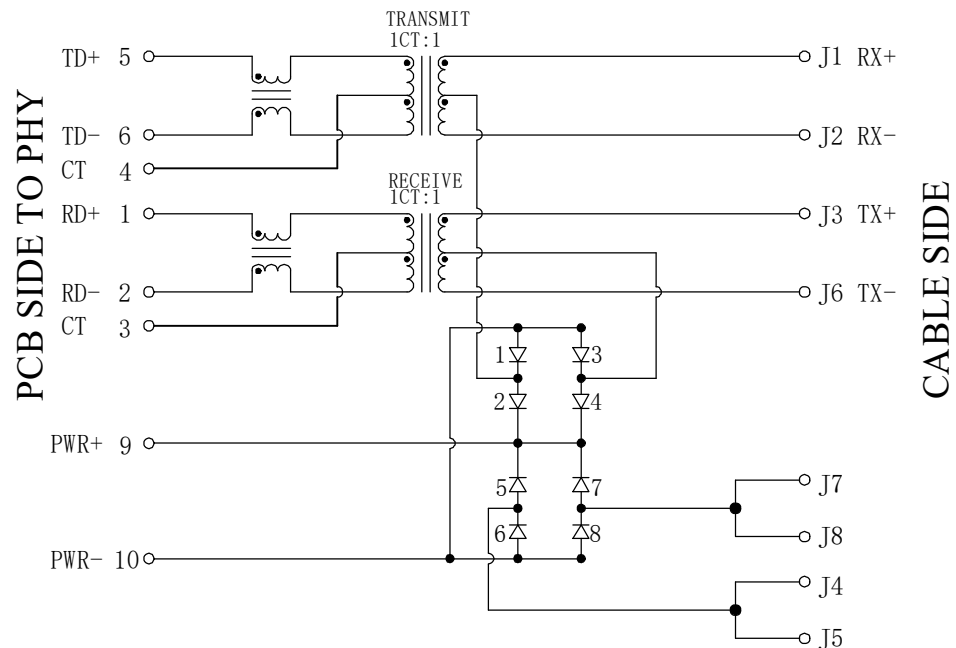
WAYCONN CO.,LTD

Schematics

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE		~	

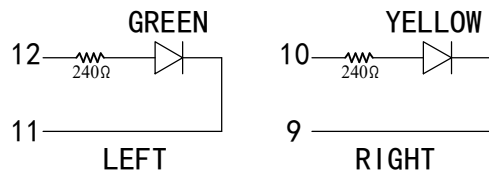
Electrical:

- Turn ratio:5~6:J1~J2=1CT:1CT($\pm 2\%$).
1~2:J3~J6=1CT:1CT($\pm 2\%$).
- OCL:350uH Min.@ 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot:(5.6.4.1.2.3)TO(J1.J2.J3.J6)1500V AC
- Single port magnetic jack POE magnetics acc.
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation equirements balanced DC
line current 350mA max. 57V DC continuous.



LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	RJ45 MAGJACK, TAB-UP, POE
X.	±0.35	X.	±3.0°	UNITS	mm		100BASE, SHIELD W/ EMI & LED
.X	±0.30	.X	±2.0°	SHEET SIZE	A4	PART NO.	MJT12 - B46232121XX
.XX	±0.25	.XX	±1.5°	WAYCONN CO.,LTD			
.XXX	±0.10	.XX	±1.0°				
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	2 OF 2				
SERIES	MJT12 SERIES						