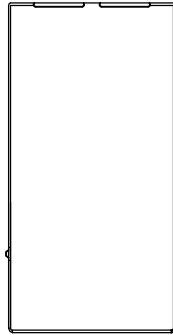
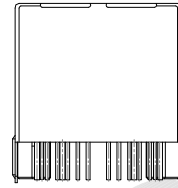


Mechanical

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE		~	



TOP VIEW



BACK

Material:

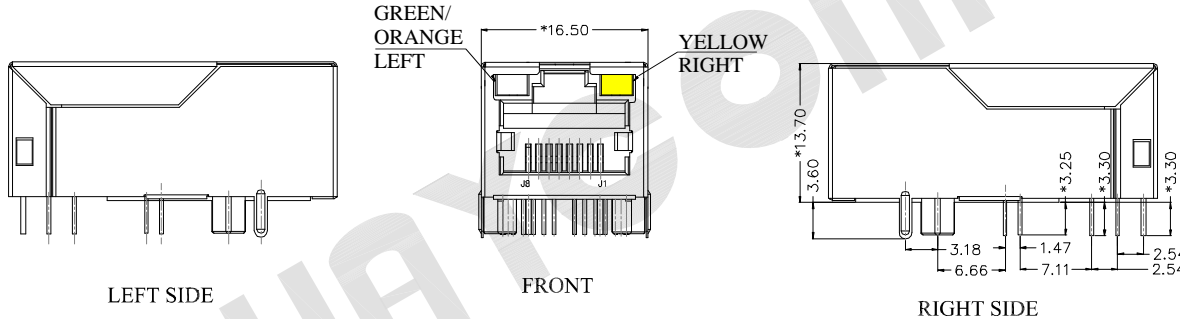
Insulator Material: PBT+30%GF(Glass Filled), UL94V-0, Black
 Shield: 0.20mm Thickness Copper Alloy, Nickel Plated
 Contact Material: Phosphor Bronze 0.35mm
 Gold Plating: Selective Gold Plating Over Nickel: 3u", 6u", 15u", 30u"

Mechanical:

Durability: 750 Cycles Min
 Matting Force: 22N Max

Environmental:

Storage Temperature : -40°C to +85°C
 Operation Temperature: -40°C to +85°C



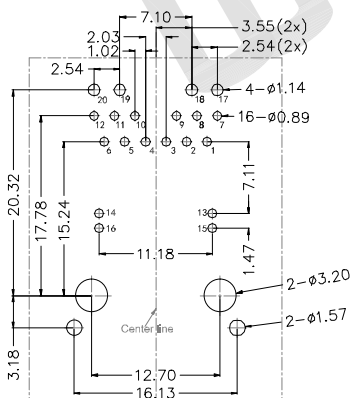
LEFT SIDE

FRONT

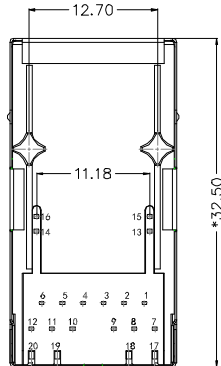
RIGHT SIDE

MJTP14 - G8 117 X X X X X X

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



RECOMMENDED PCB LAYOUT



BOTTOM

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.35	X. ±3.0°
.X ±0.30	.X ±2.0°
.XX ±0.25	.XX ±1.5°
.XXX ±0.10	.XX ±1.0°

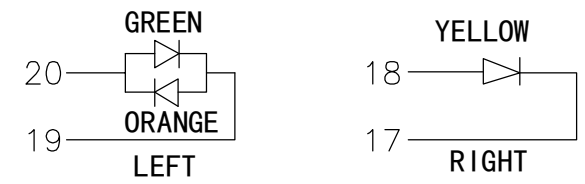
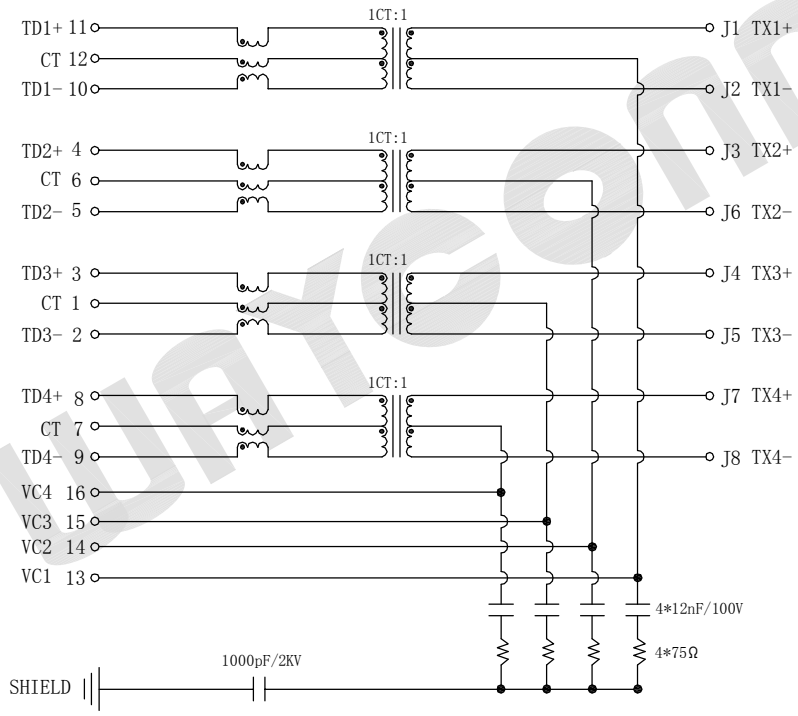
PROJECTION	TITLE
UNITS	RJ45 W/ POE, TAB-UP, 1000BASE-T, BI-COLOR LED, L: 33MM
SHEET SIZE	PART NO. MJTP14 - G81171152XX

DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 2 OF 2
SERIES	MJTP14 SERIES

WAYCONN CO.,LTD

Schematics

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE		~	



LED Specification

Standard LED Color	LED Wavelength	Foward(V MAX)	Typical(V TYP)	Luminous Intensity
Green	560-580nm	2.5v	2.1-2.2v	9-25 MCD
Yellow	580-610nm	2.5v	2.1-2.2v	9-30 MCD
Orange	580-610nm	2.5v	2.1-2.2v	9-30 MCD

ELECTRICAL SPECIFICATIONS AT 25°C

Turns Ratio (±2%)		Insertion Loss (dB max)	Return Loss (dB max)				Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)	Hipot (vrms)
TX	RX	1~100 MHz	1~10 MHz	10~30 MHz	30~60 MHz	60~100 MHz	1~30 MHz	30~60 MHz	60~100 MHz	1~100 MHz	1500
1CT: 1CT	1CT: 1CT	-1.0	-20	-16	-12	-10	-40	-35	-30	-30	

- OCL: 350μH Min. @ 100KHz/0.1V with 8mA DC bias;
- PoE Function:
PoE Magnetics meets IEEE802.3af;
For PSE or PD Applications

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.35	X.	±3.0°
.X	±0.30	.X	±2.0°
.XX	±0.25	.XX	±1.5°
.XXX	±0.10	.XX	±1.0°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 2
SERIES	MJTP14 SERIES		

PROJECTION		TITLE	RJ45 W/ POE, TAB-UP, 1000BASE-T, BI-COLOR LED, L: 33MM
UNITS	mm	PART NO.	MJTP14 - G81171152XX

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