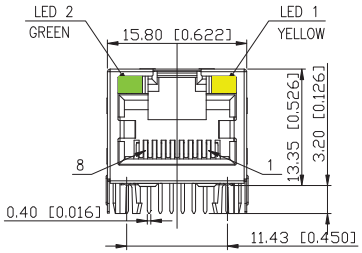
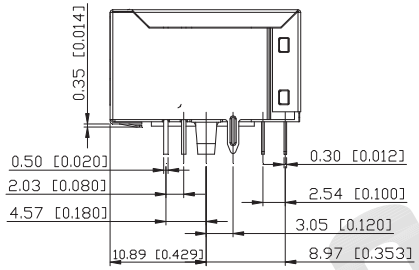
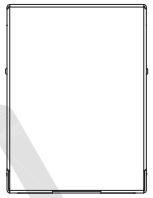
Mechanical

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE			



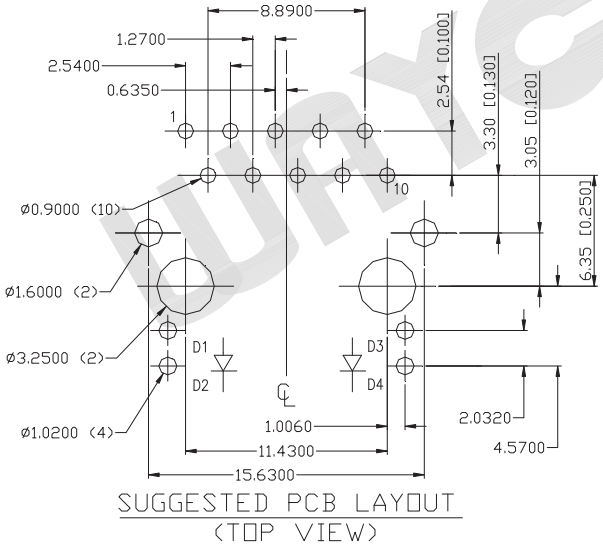




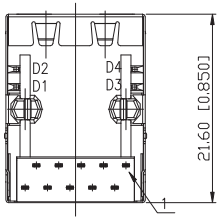
Material:
Insulator Material: PBT+30%GF(Glass Filled), UL94V-0, Black
Shield: 0.20mm Thickness Copper Alloy, Nickel Plated
Contact Material: Phosphor Bronze 0.35mm
Gold Plating: Selective Gold Plating Over Nickel: 3u", 6u", 15u", 30u"

Mechanical:
Durability: 750 Cycles Min
Matting Force: 22N Max

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



SUGGESTED PCB LAYOUT
(TOP VIEW)



MJT59 - G8 202 X X X X X

Shield	No. of Ports	LED Color	Insulator Material	Gold Plating
0 - w/o Shield	1 - 1x1	0 - w/o LED	1 - PBT	1 - G/Fμ"
1 - Shield w/o EMI	2 - 1x2	1 - Y/G	2 - PA66	2 - 3μ"
2 - Shield w/ EMI	4 - 1x4	2 - G/Y	3 - PA46	3 - 6μ"
3 - Half Shield	5 - 1x5	3 - G/G		4 - 15μ"
	6 - 1x6	4 - Y/Y		5 - 30μ"
	8 - 1x8	5 - Bi-Color		6 - 50μ"
		5 - Single LED		

GENERAL TOLERANCE

.X	±0.30
.XX	±0.20
.XXX	±0.13

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 2
DRAWING NO.	MJT59 - G8202XXXXX		

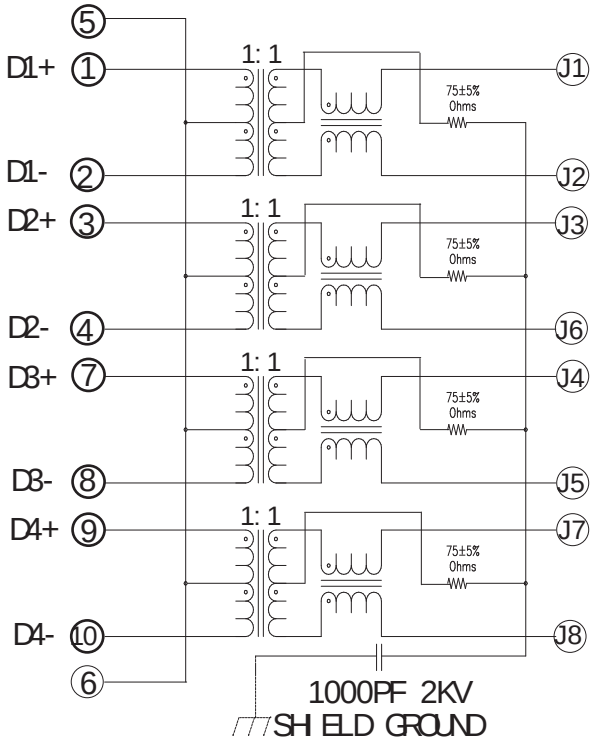
PROJECTION		TITLE	Tab Down Single Port RJ45 with Magnetics, LED: G/Y, 10/100/1000Base-T
UNITS	mm		
SHEET SIZE	A4	SERIES	MJT59 SERIES

WAYCONN CO.,LTD

Waycon

Schematics

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE			



ELECTRICAL SPECIFICATIONS@25˚C

1. Turn Ratio 1CT:1CT+/-3%
2. Hi-Pot 1500v AC 6S 1mA
3. OCL 350uH MIN @ 100KHZ 100mV 8mA DC
4. Insertion Loss (dB max):
   1 ~ 100MHZ: -1.0
5. Return Loss (dB min):
   1 ~ 30MHZ: -16.0 30 ~ 60MHZ: -14.0
   60 ~ 80MHZ: -10.0
6. Crosstalk (dB TYP)
   1 ~ 30MHZ: -40.0 30 ~ 60MHZ: -35.0
   60-80MHZ: -30.0
7. CMR(dB TYP)
   1M ~ 100MHZ: -35.0

RoHS 最新标准

GENERAL TOLERANCE			
.X	±0.30		
.XX	±0.20		
.XXX	±0.13		
DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 2
DRAWING NO.	MJT59 - G8202XXXXX		

PROJECTION		TITLE	Tab Down Single Port RJ45 with Magnetics, LED: G/Y, 10/100/1000Base-T
UNITS	mm		
SHEET SIZE	A4	SERIES	MJT59 SERIES

WAYCONN CO.,LTD