

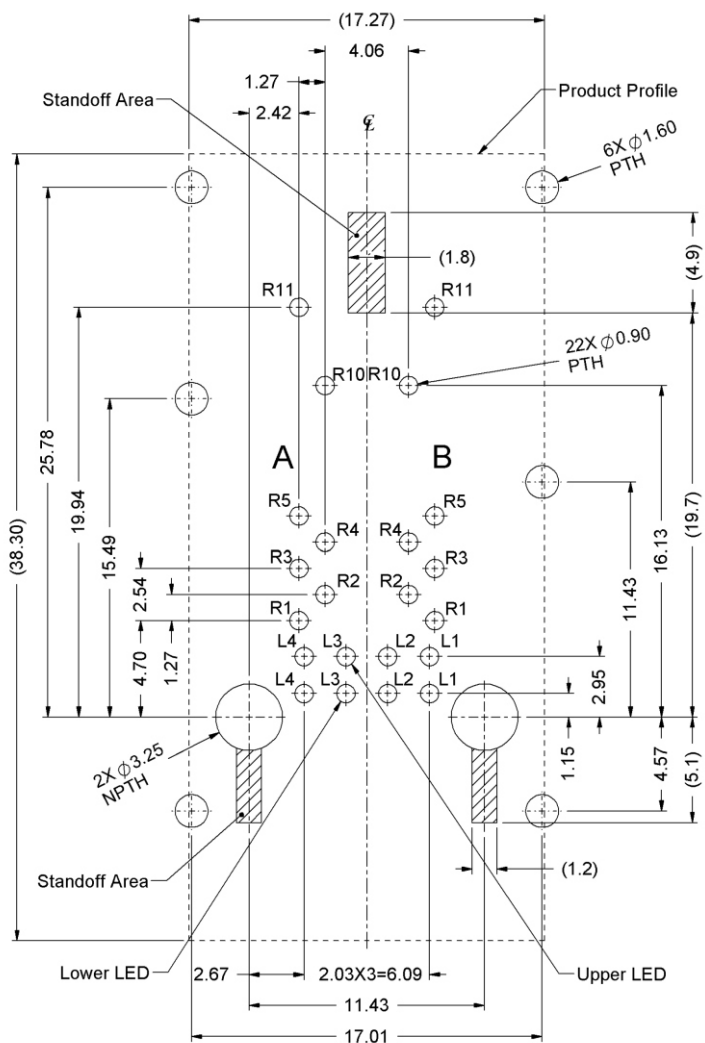
MJF25R10ULB1-KF30A4YG-0808
RoHS Compliant

	PART NO. MJF25R10ULB1-KF30A4YG-0808		TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± ANG	DESCRIPTION:				
	DWG NO. MJF25R10ULB1-KF30A4YG-0808							CHECKED BY CY
焜倫股份有限公司	FILE NO.		DRAWING BY		AREA	REVISIONS	HK	DATE
	UNIT / mm	SCALE 1:1	PROJECTION					

Recommended PCB Layout

Component Side of Board

All dimension tolerance are $\pm 0.05\text{mm}$ unless otherwise specified



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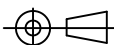
.X ± 0.2
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UNIT / mm

SCALE 1:1

PROJECTION



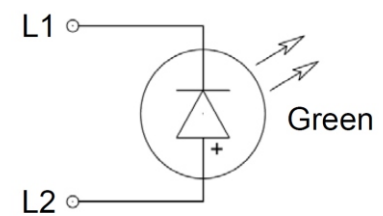
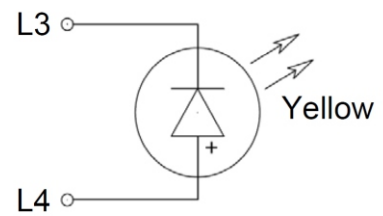
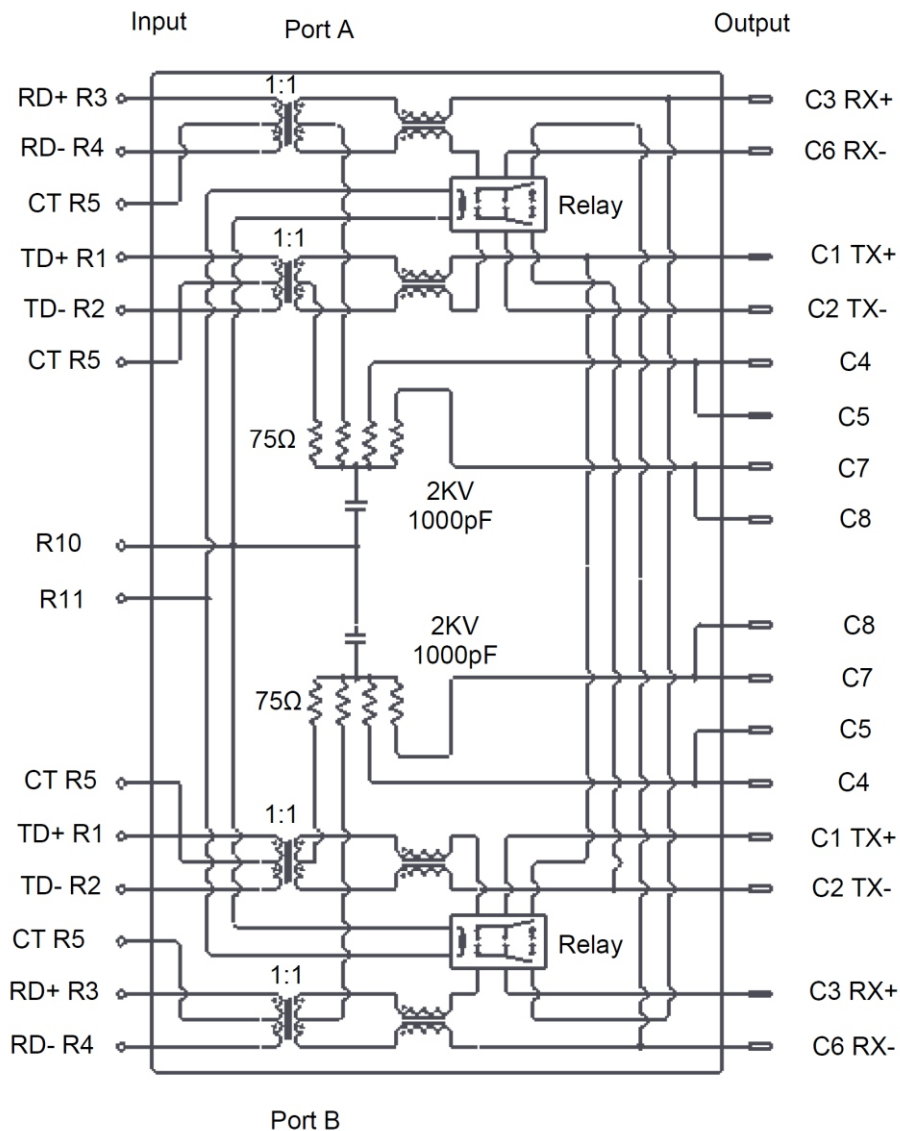
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Schematic



Emitting Color	λ_p (nm)	$V_f @ I_f=20mA$	$I_r @ V_r=5V$
Green	565	1.7 ~2.6 V	10 μ A max.
Yellow	585	1.7 ~2.6 V	10 μ A max.

MORETHANALL
CONNECTORS
ASSEMBLIES

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J
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B
A

Transmitter filter & Receiver filter

Type : Balance low pass 100Ω impedance

Insertion loss :	1~100 MHz	-1.0dB max.	
Return loss :	1~30 MHz	-18dB min.	load 100Ω
	30~60MHz	-16dB min.	load 100Ω
	60~80MHz	-12dB min.	load 100Ω

Common Mode Rejection

@ 1~100 MHz -30dB min.

Cross Talk

@ 1~100 MHz -30dB min.


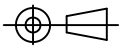
Inductance @ 100KHz, 0.1V, 8mA DC BIAS

Input(R1-R2), Input(R3-R4) : 350 μH min.

HiPot Test

Input(R1-R2) To Output(C1-C2) : 1500Vac 60s or 2250Vdc 60s

Input(R3-R4) To Output(C3-C6) : 1500Vac 60s or 2250Vdc 60s

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