

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
 6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

DURABILITY: 750 CYCLES MIN.
 MATING FORCE: 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.

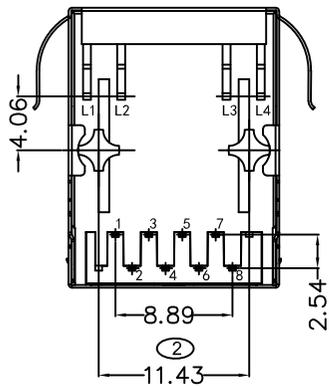
Electrical

1. Turn ratio: 1~3: J1~J2=1CT:1CT(±2%),
 4~6: J3~J6=1CT:1CT(±2%).
 2. OCL: 350uH Min. @ 100KHz 100mV
 RMS(4Channel) 8mA DC BIAS.

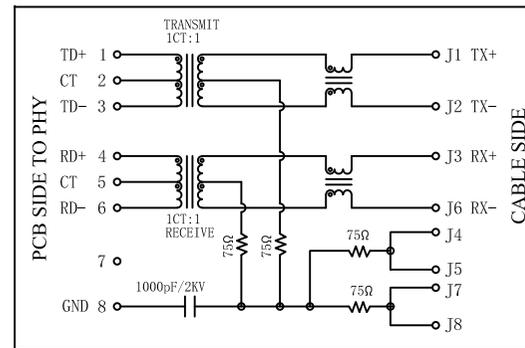
* SIGN "X" IS IMPORTANCE DIMENSION

Specification LED

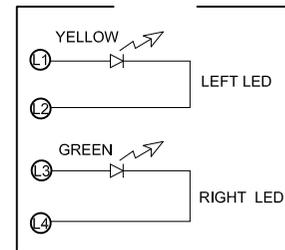
Standard led color	Led wavelength	Foward(V MAX)	Typical(V TYP)	Luminous Intensity
Green	560-580nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610nm	2.5V	2.1-2.2V	9-30 MCD



SCHEMATIC :

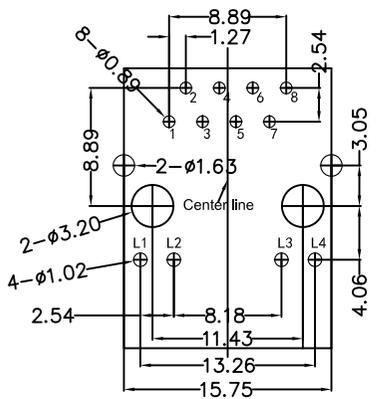


LED Configuration :



ELECTRICAL SPECIFICATIONS AT 25°C

INSERTION LOSS db max	Return Loss dB min				Crosstalk(db TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
	1-30MHz	30-60MHz	60-80MHz	60-80MHz	1-30MHz	30-60MHz	60-80MHz	1-50MHz	50-150MHz	
-1.0	-20	-16	-10	-40	-35	-30	-35	-35	1500	



RECOMMENDED PCB LAYOUT VIEWED FROM COMPONENT SIDE

KEM 奇速科技有限公司
 Qi-Speed Technology CO., LTD.

產品名稱:
 PRODUCT NAME
 RJ45+TRANSFORMER 10/100BASE WITH LED Y/G

版本	修改事項	修改日期

單位 : mm	繪圖	設計	審核	核准
比例 :	DRAWING	DESIGNED	CHECKED BY	APPROVAL BY
公差 : .X ±0.38 .XX ±0.25 .XXX ±0.13	JOHNY	JOHNY	LUKE	JAMES
日期 : 2023/3/7				

料號:KRJ-14005-8806-YG-C
PART NUMBER
圖號:KRJ-14005-8806-YG-C-1
DRAWING NO
版本: REV. 0