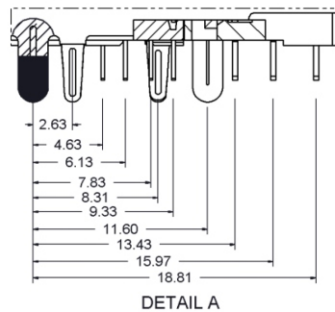
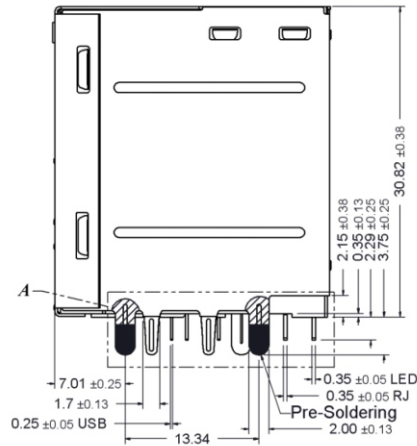
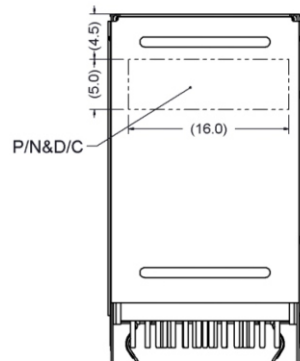
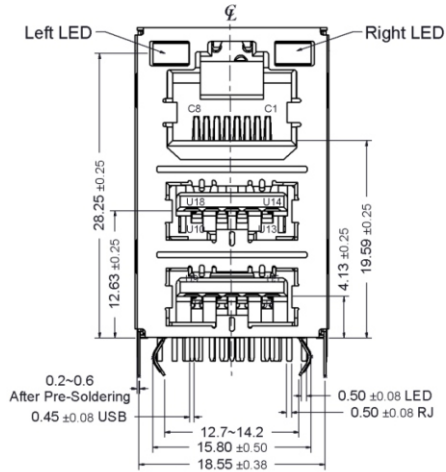
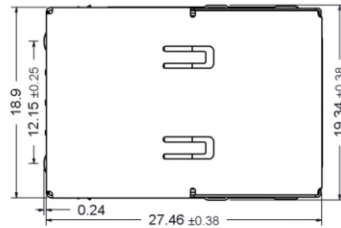
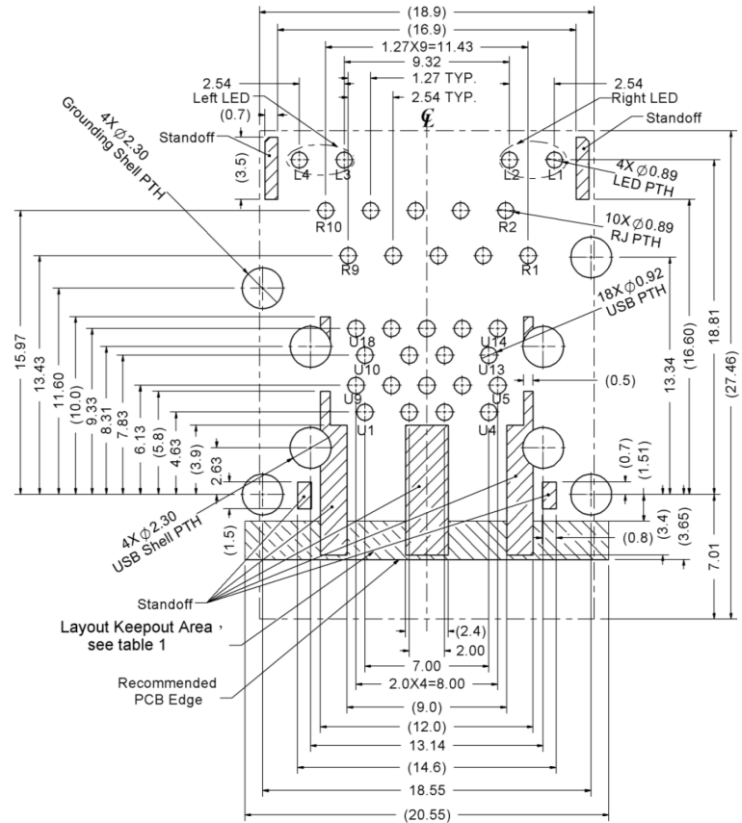


BOTTOM VIEW



DETAIL A



Layout Keepout Area
see table 1

Recommended
PCB Edge

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X, ±

.X, ±

.XX, ±

.XXX, ±

ANG ±

PPOJECTION

照片框

ORDER INFORMATION

MUJT110UL-KX30GOYX-88AA99A-LF

SERIES

BLACK

NON EAR

30u" GOLD

LEFT

RIGHT

GREEN+ORANGE / YELLOW

LEADFREE

A TYPE

8P8C TO AA9 PIN TYPE

LEFT

RIGHT

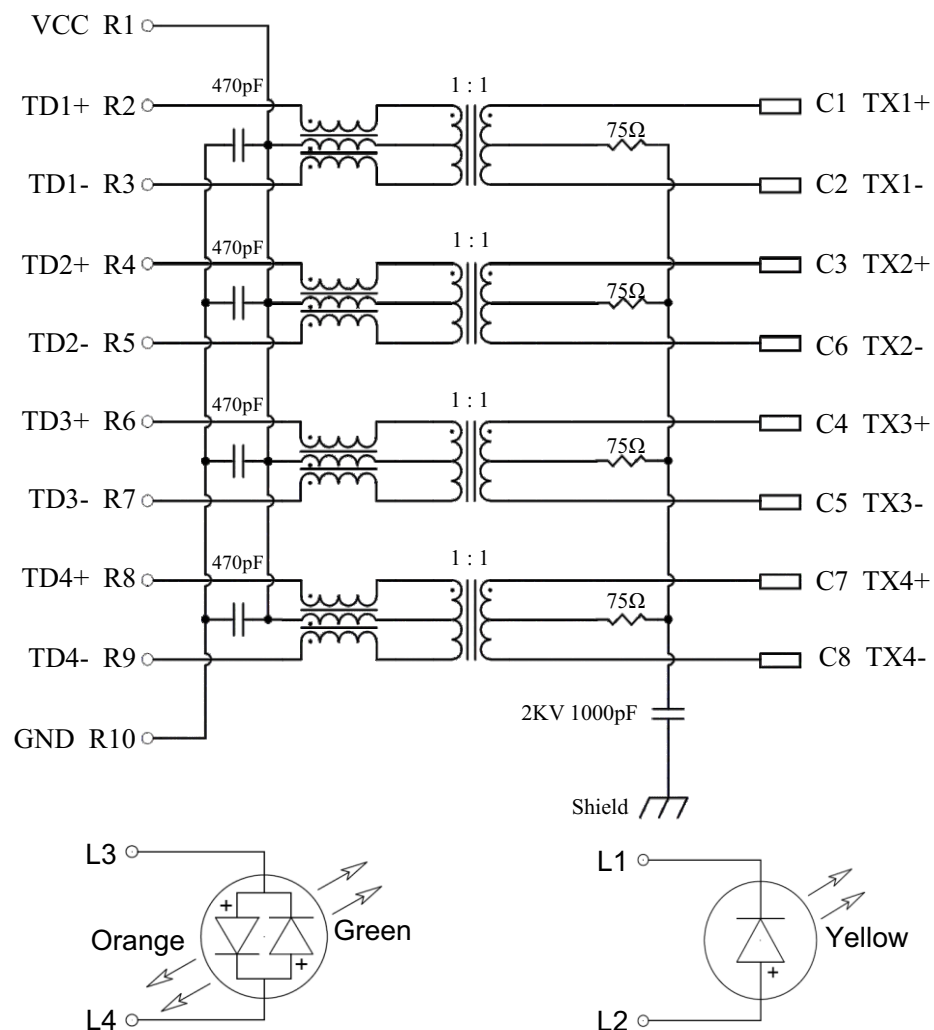
GREEN+ORANGE / YELLOW

DESCRIPTION:

Schematic

PHY Side
(INPUT)

Cable Side
(RJ45 OUTPUT)



Emitting Color	λ_p (nm)	$V_f @ I_f=20\text{mA}$	$I_r @ V_r=5\text{V}$
Green	565	1.7 ~2.6 V	10 μA max.
Yellow	585	1.7 ~2.6 V	10 μA max.
Orange	610	1.7 ~2.6 V	10 μA max.

RoHS Compliant

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X, $\pm$
.X $\pm$
.XX $\pm$
.XXX $\pm$
ANG $\pm$

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A TYPE

8P8C TO AA9 PIN TYPE

煜倫股份有限公司

www.morethanall.com

DESCRIPTION:

Operating and Storage Temperature:

Operating Temperature : -40°C to +85°C

Storage Temperature : -40°C to +85°C

Rj45 specifications:

Insulation Resistance :500MΩ min.

Insertion force with the latch depressed :22N max.

Removal force with the latch depressed :44N max.

Locking Force of Plug Latch : 50N min. @ 60+/-5 sec

Durability : 2500 cycles

USB 3.0 specifications:

Contact Current Rating: 1A

Contact Resistance: 30mΩ Max.

Insulation Resistance :1000MΩ min.

Dielectric Withstanding Voltage : 500Vac @1min

Insertion force : 35 N max at a max. rate of 12.5mm per minute

Extraction force : 10 N min and 8 N after the specified insertion/extraction

Durability : 1500 cycles for standard class

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

80~100MHz -10dB 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(R2-R3), Input(R4-R5), Input(R6-R7), Input(R8-R9) : 350 μH min.

HiPot Test:

Input(R2-R3) To Output(C1-C2) : 1500Vac 60s or 2250Vdc 60s

Input(R4-R5) To Output(C3-C6) : 1500Vac 60s or 2250Vdc 60s

Input(R6-R7) To Output(C4-C5) : 1500Vac 60s or 2250Vdc 60s

Input(R8-R9) To Output(C7-C8) : 1500Vac 60s or 2250Vdc 60s

RoHS Compliant

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DRAWING BY CY

X, ±

CHECKED BY GENIUS

.X ±

UNIT / mm

SCALE 1 : 1

.XX ±

DATE

.XXX ±

ANG ±

SIZE A4

PPOJECTION

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