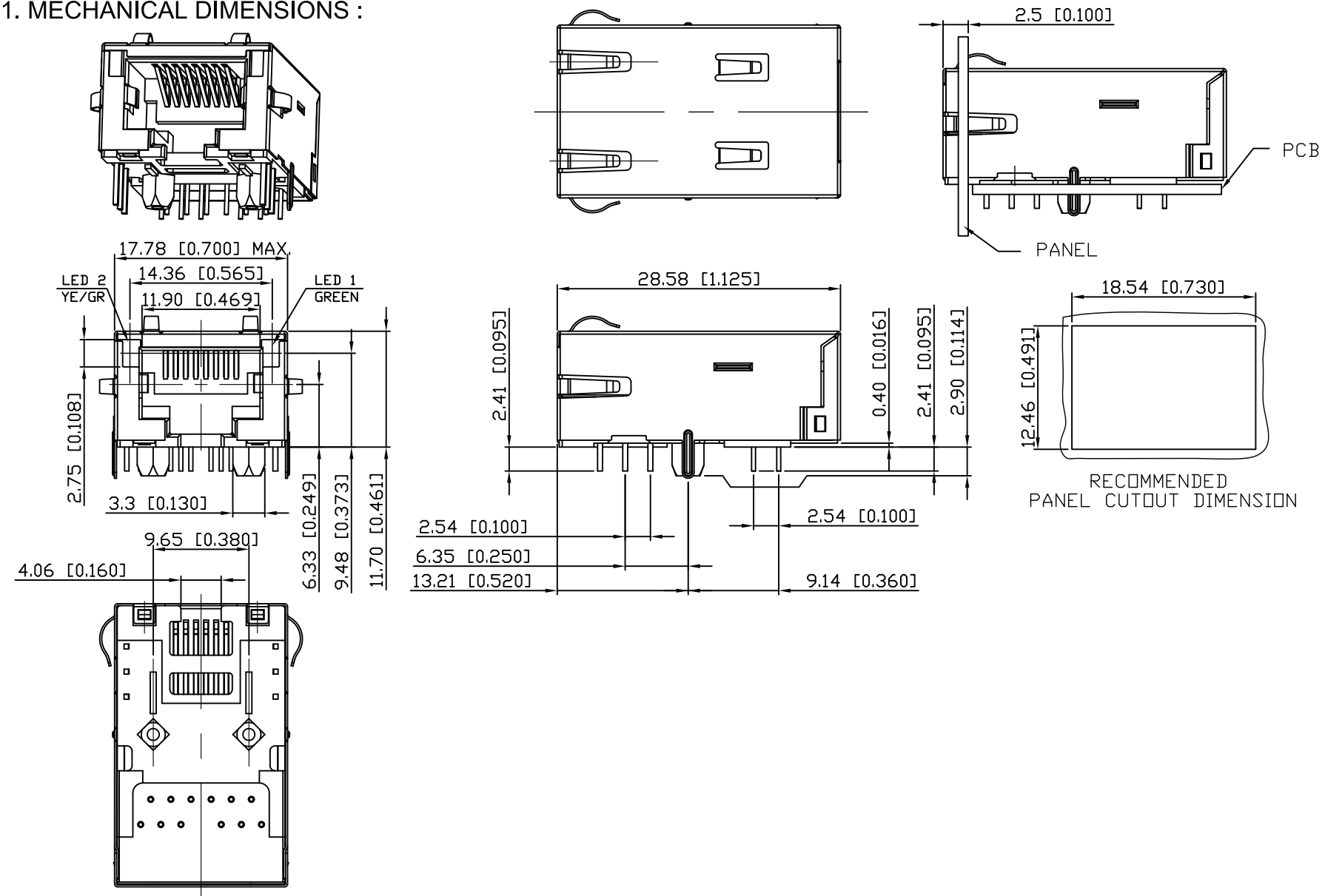


1. MECHANICAL DIMENSIONS :



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PCB CONNECTORS
Cable ASSEMBLIES

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RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

PPOJECTION

照片框

ORDER INFORMATION

MJF11T0112L-KF06MP1YGXG63-0808

SERIES

BLACK

WITH PANEL GROUND

06u" GOLD

METAL FOOT

POST

YELLOW/GREEN

8P8C

LED2
/GREEN

LED1
/GREEN

DESCRIPTION: RJ45, W/ 10G TRANSFORMER, W/ LED, SHIELDED

2. NOTES:

1. MATERIAL:

HOUSING: HTNFR52G30NH OR HTNFR52G30BL
POLYESTER UL-94V-0 MIXED GLASS FIBER,
STANDARD COLOR-BLACK

CONTACTS: 0.35mm THICK PHOS-BRONZE PLATED
WITH 30u" GOLD AND NICKEL
UNDERPLATE ON ALL AREA.

SOLDER PIN: 0.45mm DIA. PHOS-BRONZE PLATED WITH TIN.

SHIELD: 0.20mm THICK COPPER ALLOY, PLATED WITH NICKEL.
LIGHT PIPE- POLYCARBONATE

2. OPERATING TEMPERATURE : 0°C~70°C

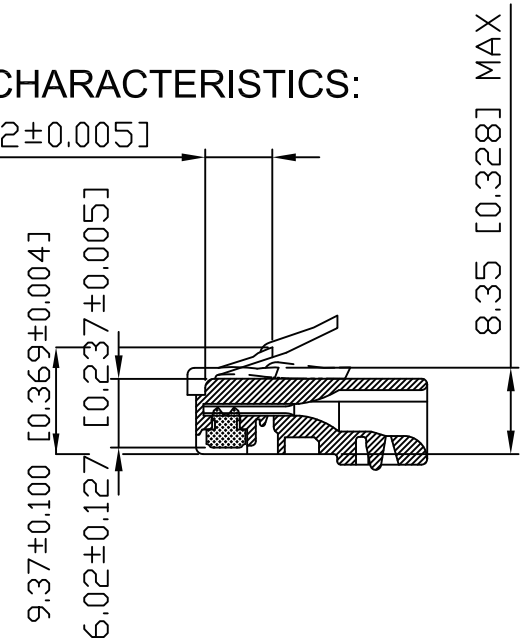
3. CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68, SUBPART F.

4. PEAK SOLDERING TEMPRATURE IS 260°C MAX, 10 SECONDS MAX,
FOR WAVE SOLDERING PROCESS.

5. UNSPECIFIED TOLERANCE: .XX $\pm 0.25[0.010]$
.X $\pm 0.30[0.012]$

3.RJ45 MECHANICAL CHARACTERISTICS:

$5.89 \pm 0.127 [0.232 \pm 0.005]$



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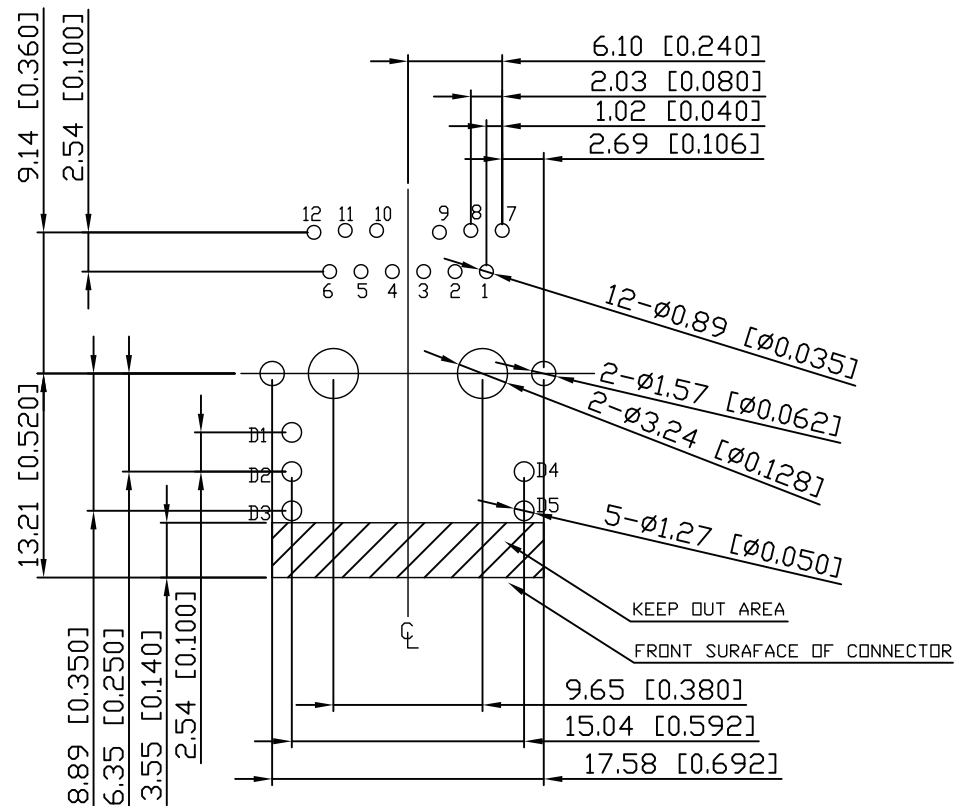
LED2 /GREEN

LED1 /GREEN

8P8C

DESCRIPTION: RJ45, W/ 10G TRANSFORMER, W/ LED, SHIELDED

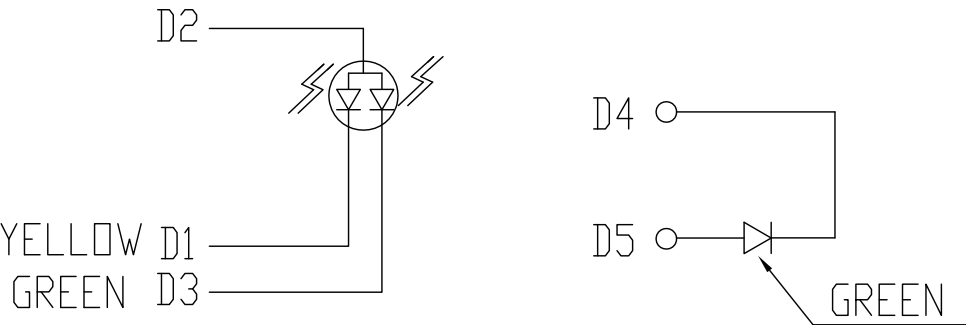
4 . PCB LAYOUT :



SUGGESTED PCB LAYOUT
(TOP VIEW)

DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]

5. LED CONFIGURATION :



Color	VF(V) @20mA		IV(mcd) @20mA	IF (mA)	Dominant waveLength @20mA λD(nm)
	Typ.	Max			
Green	2	2.6	18	25	572
Yellow	2	2.6	20	50	590
Green	2	2.6	25	50	573

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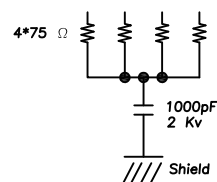
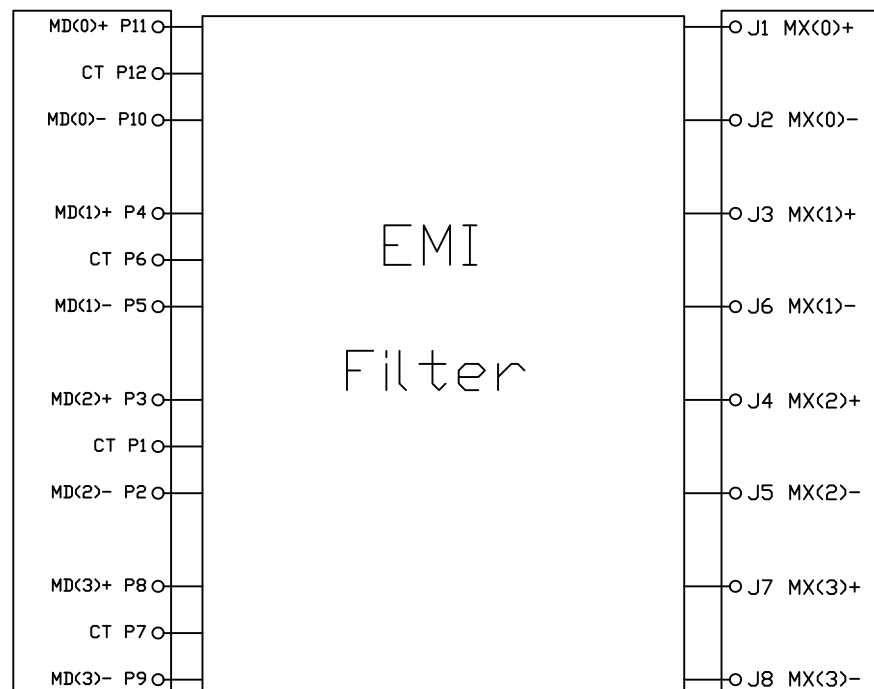
/GREEN

DESCRIPTION: RJ45, W/ 10G TRANSFORMER, W/ LED, SHIELDED

6. SCHEMATIC:

LAN CHIP SIDE

RJ CABLE SIDE



7. ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS:
 - 0.5dB MAXIMUM AT 1MHz TO 5MHz
 - 0.6dB MAXIMUM AT 5MHz TO 200MHz
 - 1.0dB MAXIMUM AT 200MHz TO 400MHz
 - 3.0dB MAXIMUM AT 400MHz TO 600MHz
2. RETURN LOSS AT THE PHY SIDE:
 - 20dB MINIMUM AT 1MHz TO 200MHz
 - 15dB MINIMUM AT 200MHz TO 400MHz
 - 14dB MINIMUM AT 400MHz TO 600MHz
 - 8dB MINIMUM AT 600MHz TO 800MHz
3. CROSS TALK:
 - 30dB MINIMUM AT 100MHz TO 500MHz
4. CM TO DM REJECTION:
 - 30dB MINIMUM AT 1MHz TO 500MHz
5. CM TO CM REJECTION:
 - 40dB MINIMUM AT 1MHz TO 100MHz
 - 35dB MINIMUM AT 100MHz TO 300MHz
 - 30dB MINIMUM AT 300MHz TO 600MHz
6. HIPOT:
 - INPUT TO OUTPUT : 1500VAC FOR 60 SECONDS

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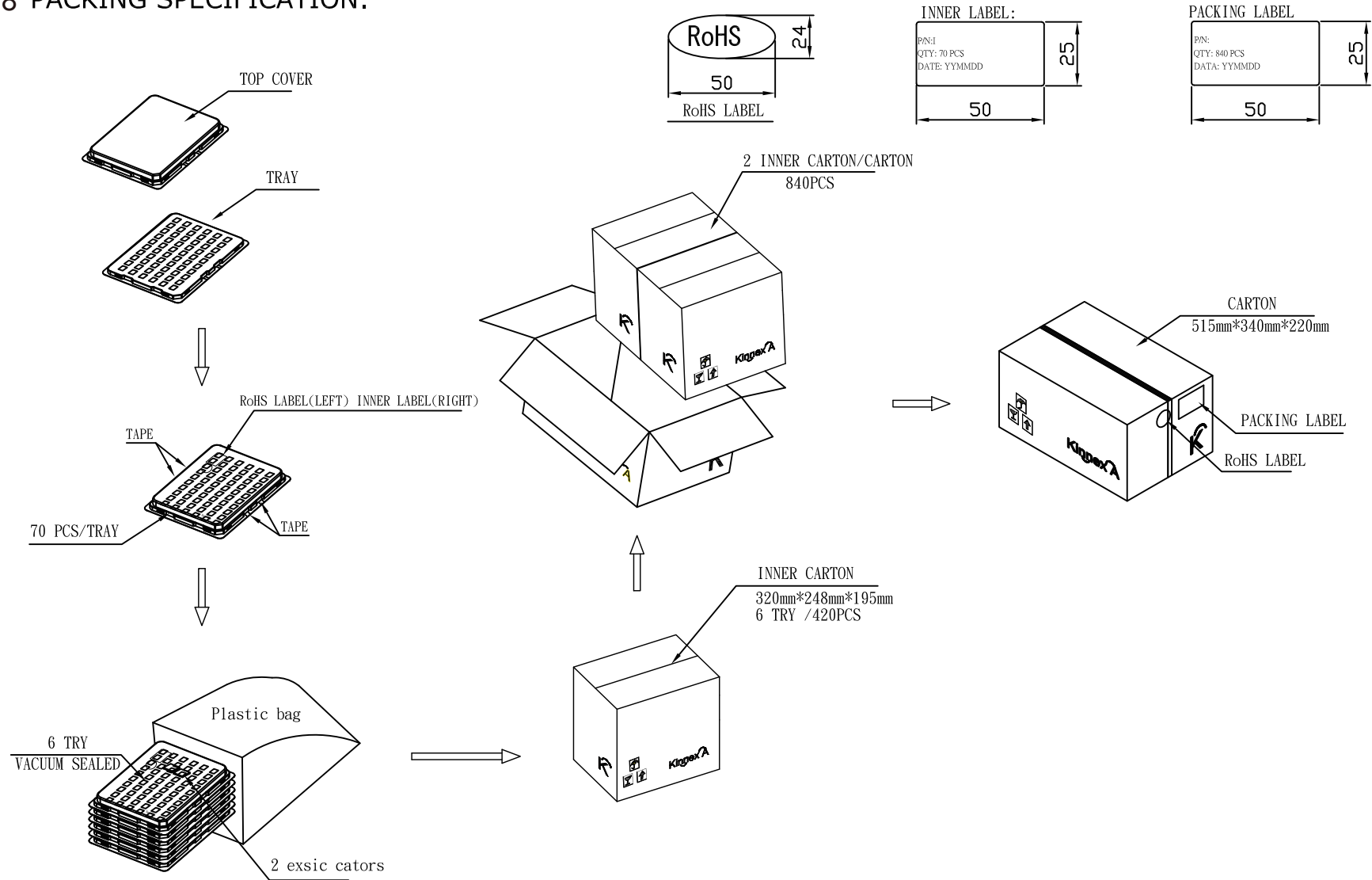
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DESCRIPTION: RJ45, W/ 10G TRANSFORMER, W/ LED, SHIELDED

8 PACKING SPECIFICATION:



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