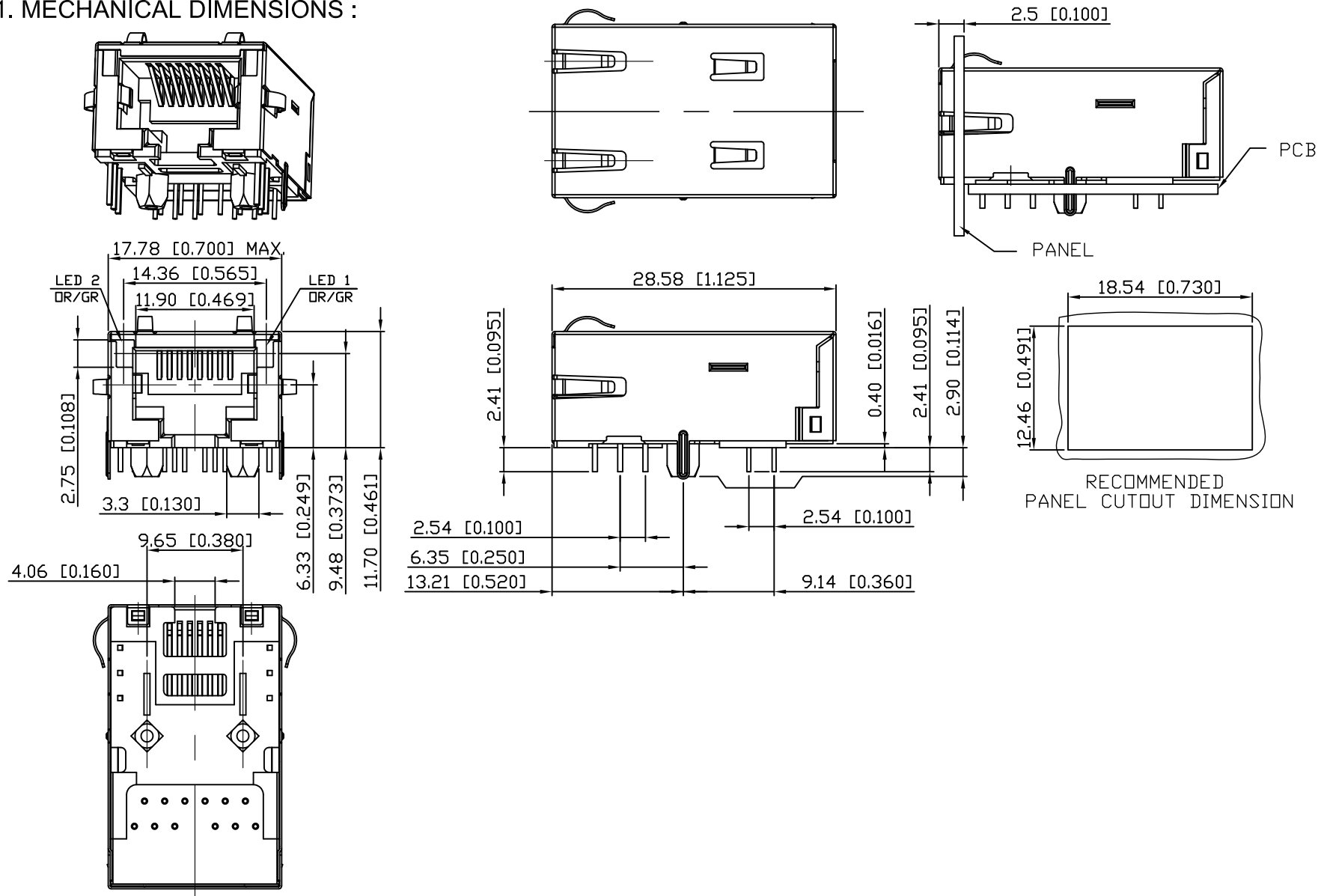


1. MECHANICAL DIMENSIONS :



RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1:1

DATE

SIZE A4

PPOJECTION

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

MJF11T0112L-KF06MP1OGOG63-0808

SERIES

BLACK

WITH PANEL GROUND

06u" GOLD

METAL FOOT

POST

LED2 ORANGE/GREEN

LED1 ORANGE/GREEN

8P8C

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

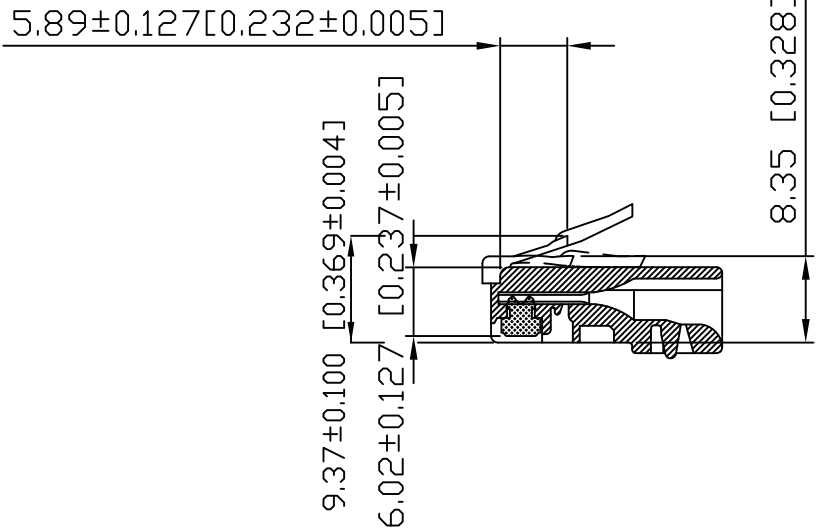
2. OPERATING TEMPERATURE : 0°C~70°C

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 ±0.25[0.010]
.X ±0.30[0.012]

3. RJ45 MECHANICAL CHARACTERISTICS:



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UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X. ±

.X ±

.XX ±

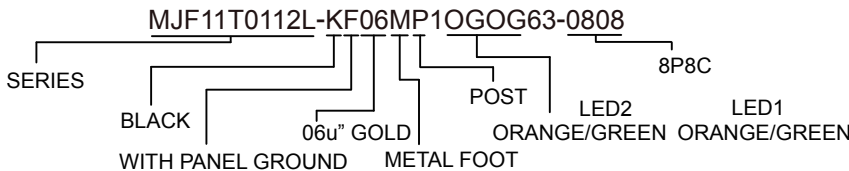
.XXX ±

ANG ±

P PROJECTION

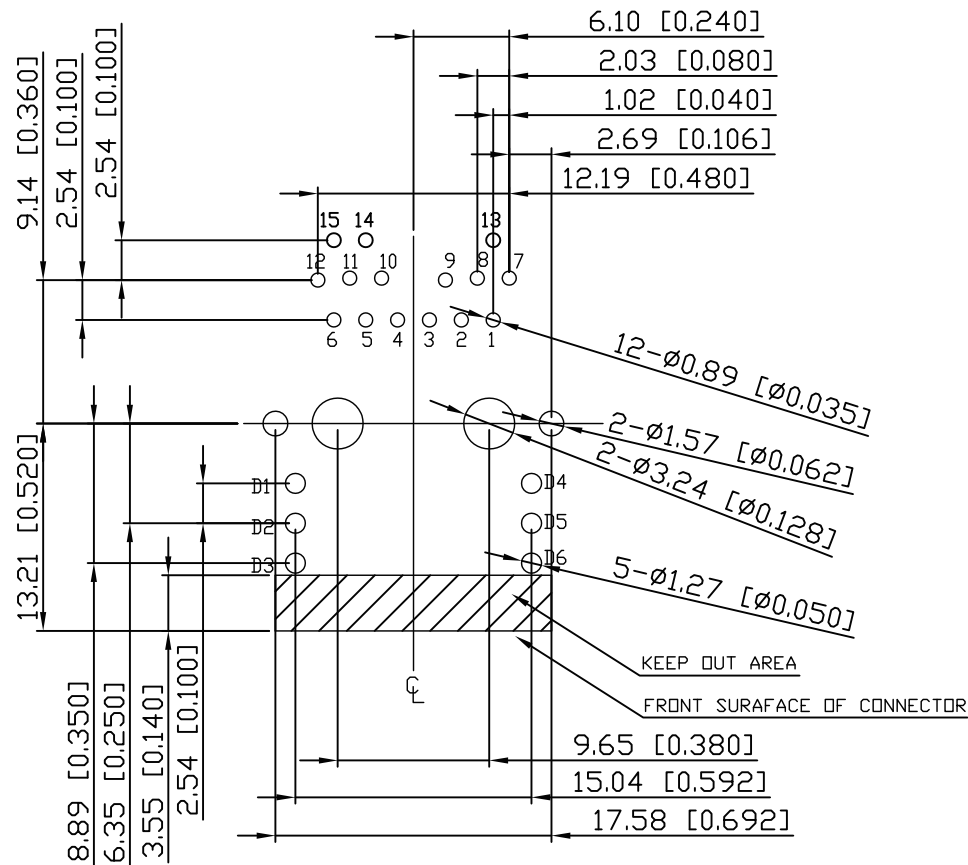
照片框

ORDER INFORMATION



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

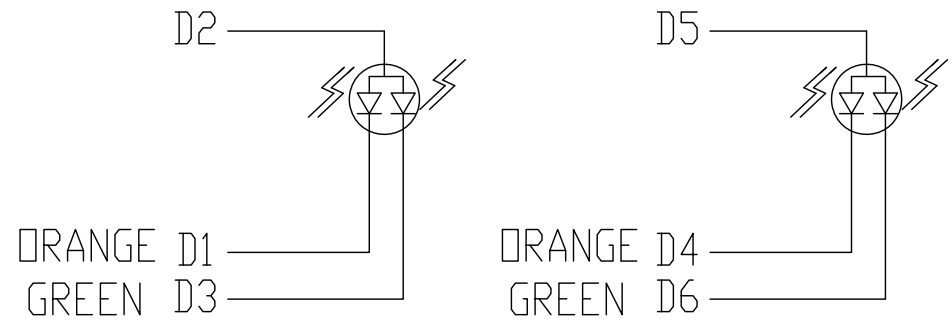
4. PCB LAYOUT :



SUGGESTED PCB LAYOUT
(TOP VIEW)

DIMENSIONAL TOLERANCE: .XX ± 0.08 [0.003]

5. LED CONFIGURATION :



照片框

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SCALE 1 : 1

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TOLERANCES ARE

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

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WITH PANEL GROUND

06u" GOLD

METAL FOOT

POST

8P8C

LED2

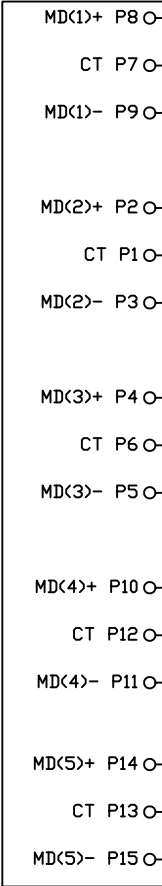
LED1

ORANGE/GREEN ORANGE/GREEN

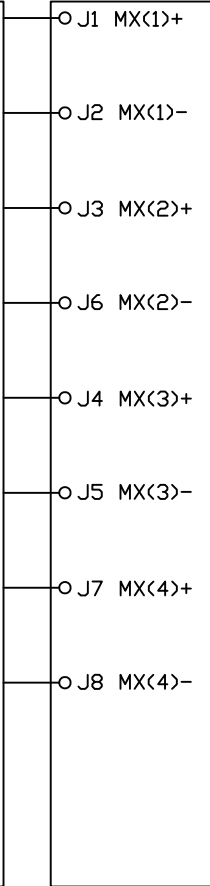
DESCRIPTION: RJ45, W/ 10G TRANSFORMER, W/ LED, SHIELDED

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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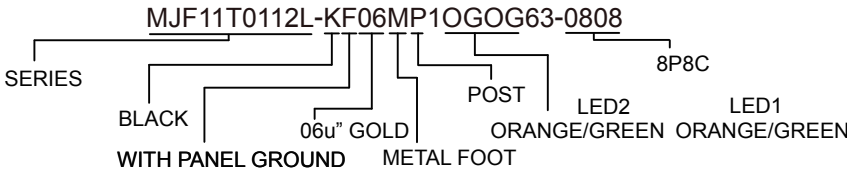
SIZE A4

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

P PROJECTION

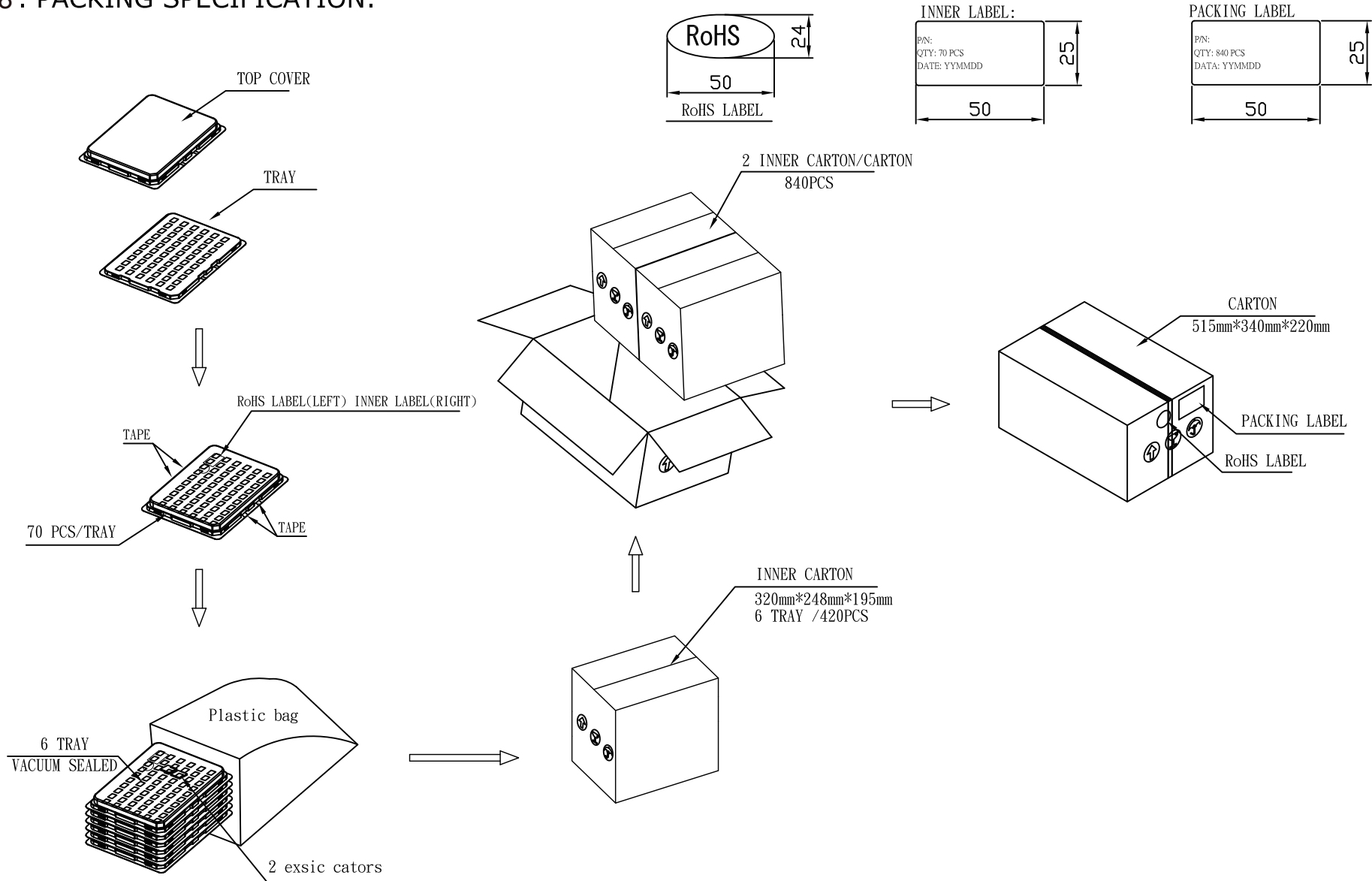
照片框

ORDER INFORMATION



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

8 . PACKING SPECIFICATION:



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