

APPROVAL SHEET

To :

Customer P/N :

UDE P/N : RD41-ZZ-0012

Description : RJ45 1X4, Tab Down

Through Hole

Pure Connector

Contact Area : 30μ" Min. Gold

LED : L-Yellow; R-Green

Packing With Hard Tray



Spec No.
RD4119007-00

Update Date
2019/6/13

Revision
A

Approved	Checked	Prepared



湧德電子 股份有限公司
UDE Corp.

桃園市(33852) 蘆竹區內溪路 68 巷13號

No.13, Ln. 68, Neixi Rd., Luzhu Dist., Taoyuan City (33852), Taiwan

TEL: 886-3-3242000 FAX: 886-3-3246611

<http://www.ude-corp.com/>

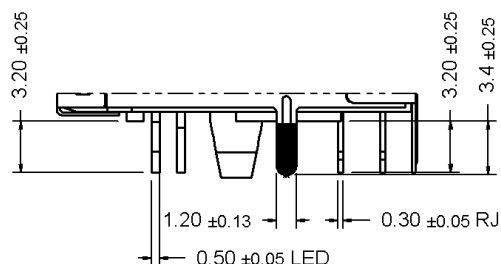
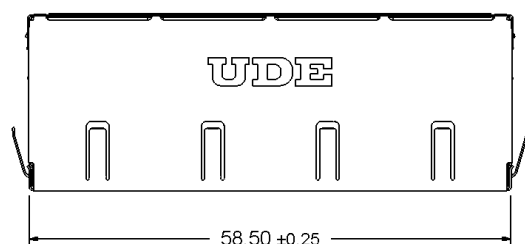
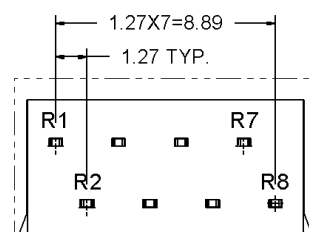
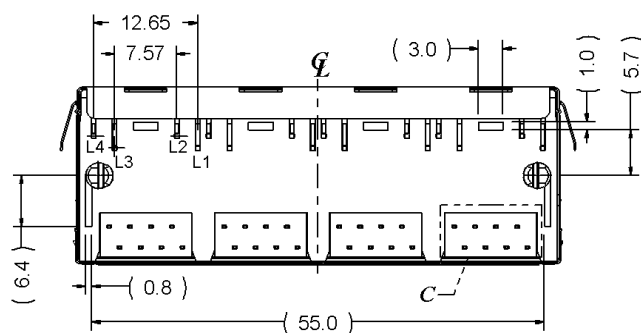
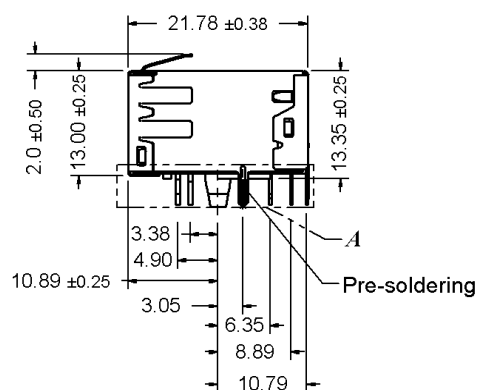
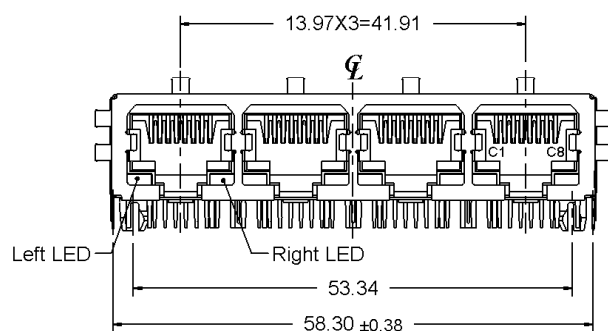
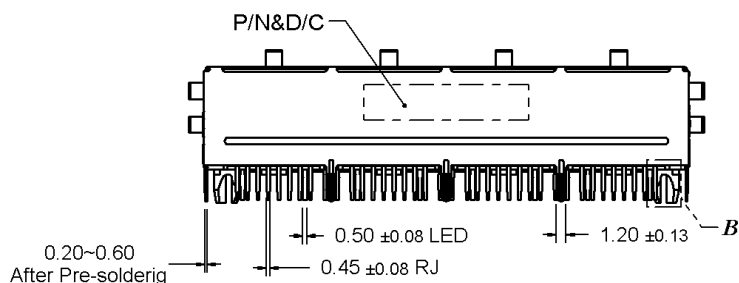
Revision History

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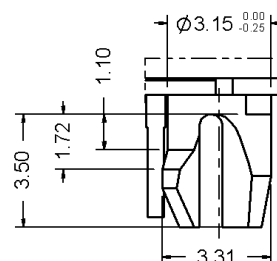
1. MECHANICAL DIMENSION

Product Dimension

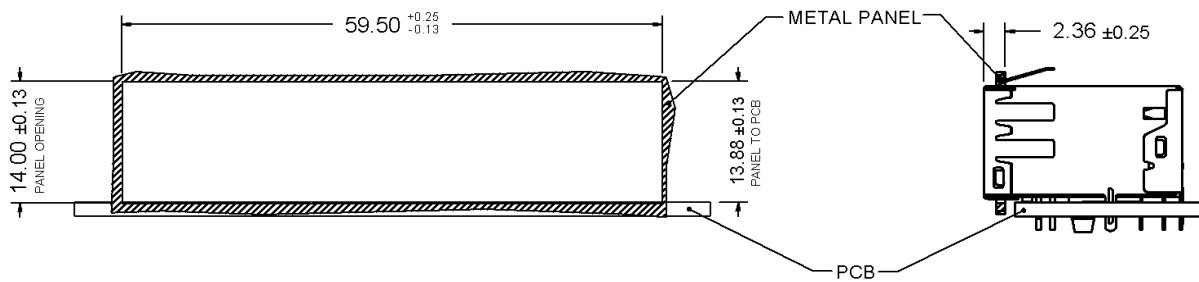
Unit:mm	General Tolerance : X.X : ± 0.38 X.XX : ± 0.20
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DETAIL A
Scale 2 : 1DETAIL C
Scale 3 : 1

Back View

DETAIL B
Scale 4 : 1

Recommended Panel cutout



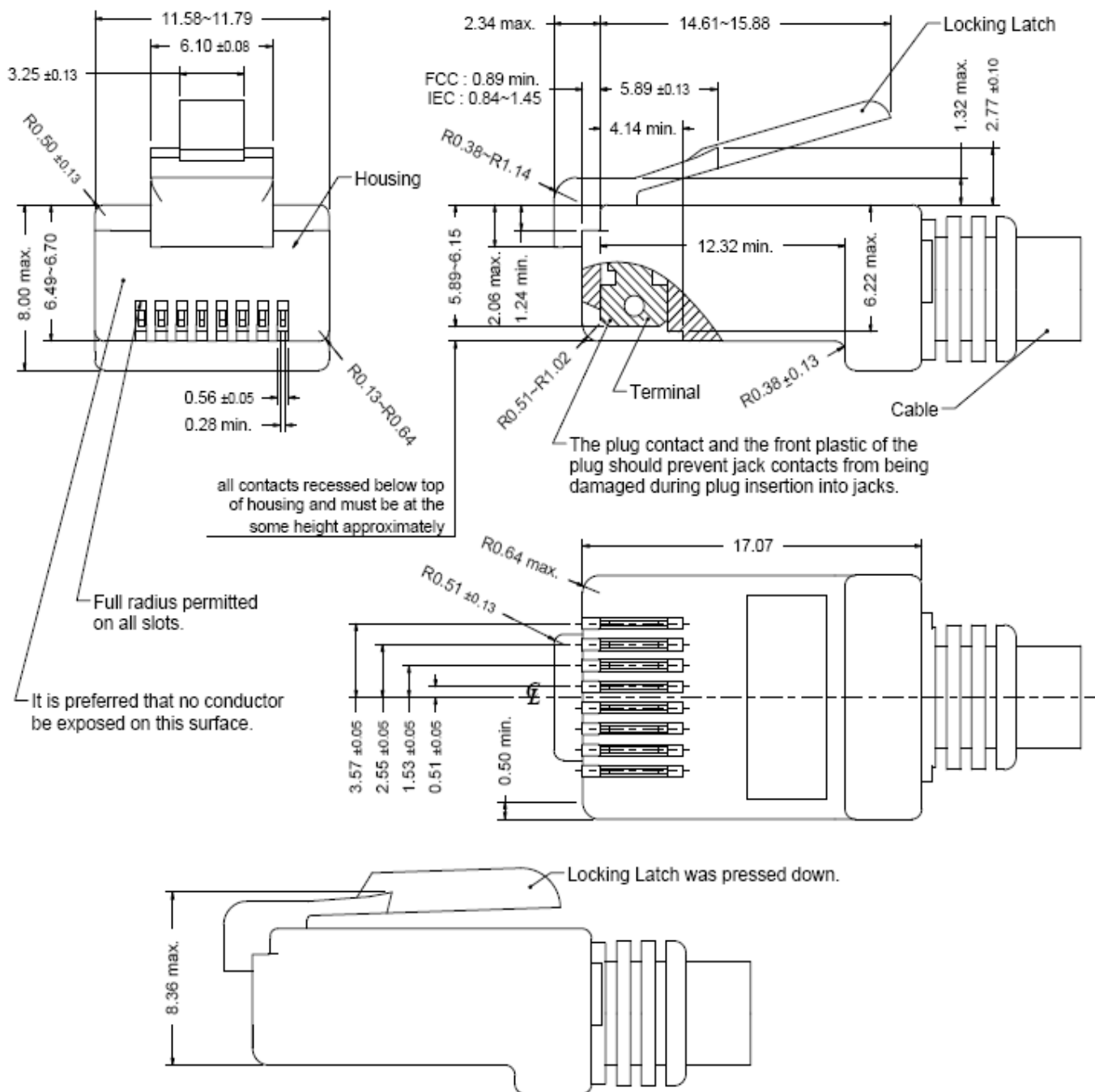
2. Packing Information

24 pcs finished goods per tray

7 trays(144 pcs finished goods) per inner box

4 Inner boxes(576 pcs finished goods) per master carton

3. Standard RJ45 Plug Specification



- All dimensions follow :
FCC subpart F, 68,500, Figure (C)(2)(i) & (C)(2)(ii) & (C)(3)(i)
IEC 60603-7
- All plugs must be meeting the requirements of plug Go & No-Go gauge.
Gauge follow : FCC subpart F, 68,500, Figure (C)(4)(i) & (C)(5)(i)
- There must be no damage to Housing and Locking Latch.
- There must be no nicks and cuts in cable.
- Durability : 750 cycles generally

4. REQUIREMENTS

Design and Construction

Product shall be of design, construction and physical dimensions specified on applicable.

Material

Terminal Parts (Underplating : 50 μ " min. Nickel overall)

RJ Terminal : Phosphor Bronze, Thickness=0.30mm

Finish : Contact Area : 30 μ "min.Gold

Finish : Solder Tail : 100 μ " min. Matte Tin

Plastic Parts <UL94V-0>

Housing : PA6T , Black

Insert : PBT , Black

Shield : Stainless Steel, Thickness=0.20mm, Pre-soldering

5. Operating and Storage Temperature

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

Storage Temperature : -40°C to +85°C

6. RJ45 specifications

Insulation Resistance : 500MΩ min.

Insertion force with the latch depressed : 20N max.

Removal force with the latch depressed : 20N max.

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

Durability : 2500 cycles

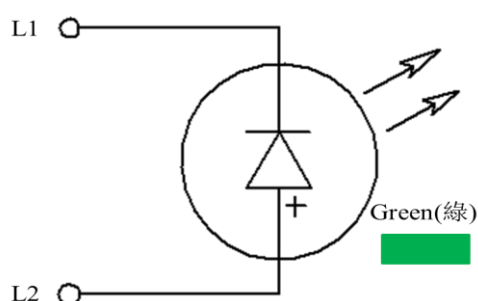
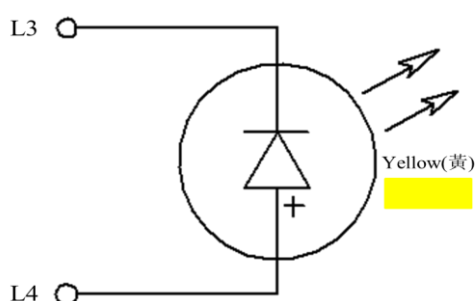
7. Performance and Test Description

Product is designed to meet electrical, mechanical and environmental performance requirements specified in below table.

All tests are performed at ambient environmental conditions per MIL-STD-1344A and EIA-364 unless otherwise specified.

8. Packaging and Packing

All parts shall be packaged and packed to protect against physical damage, corrosion and deterioration during shipment and storage.



Emitting Color	λ_p (nm)	V_f @ $I_f=20\text{mA}$	I_r @ $V_r=5\text{V}$
Green	570	1.7 ~2.6 V	10μA max.
Yellow	588	1.7 ~2.6 V	10μA max.

9. WAVE SOLDERING TEMPERATURE PROFILE

Note :

The measuring point for the specified temperature shall be on the soldered part of the lead.

