

1. 电气特性:
1.1 额定电压: 150 VAC RMS
1.2 额定电流: 1.5 AMP
1.3 接触电阻: 20 mΩ MAX.
1.4 绝缘电阻: 1000 MΩ MIN. @ 500 VDC
1.5 耐压强度:
CONTACT TO CONTACT: 1000 V DC OR AC PEAK;
CONTACT TO SCREEN AND TEST PANEL: 1500 V DC OR AC PEAK
@ 0.5mA 50 Hz 或 60 Hz 一分钟

2. 材质:
2.1 塑胶材质: PA66 黑色, UL94V-0;
2.2 插座材质: PBT 黑色, UL94V-0;
2.3 触点材质: 磷青铜, 厚度 0.35mm;
2.4 触点电镀: 接触区镀金可选, 镀层 50U", 接头电镀镍 50U";
2.5 包壳材质: 黄铜, 厚度 0.2mm, 镀层 30U"~80U"
3. 结构特性:
3.1 使用寿命: 最少 750 次插拔;
3.2 插入/拔出力: 30N Max;
3.3 配合精度: 30N 60S±5S.

4. 环境特性:
4.1 储存温度: -40℃~+85℃
相对湿度 < 80%
4.2 工作温度: -40℃~+85℃
4.3 存储期限: 12 个月

NOTES:

1. ELECTRICAL:

1.1 VOLTAGE RATING : 150 VAC RMS.
1.2 CURRENT RATING : 1.5 AMP.
1.3 CONTACT RESISTANCE : 20 MILLIOHMS MAX.
1.4 INSULATION RESISTANCE : 1000 MEGOHMS MIN. @ 500 VDC.
1.5 DIELECTRIC STRENGTH : CONTACT TO CONTACT: 1000 V DC OR AC PEAK
CONTACT TO SCREEN AND TEST PANEL: 1500 V DC OR AC PEAK
@ 0.5mA 50 Hz OR 60 Hz A MINUTE

2. MATERIAL:

2.1 HOUSING MATERIAL : PA66 UL94V-0. COLOR BLACK.
2.2 PLATE MATERIAL : PBT UL94V-0. COLOR BLACK.
2.3 CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm.
2.4 PLATING 1: CONTACT AREA- SELECTIVE GOLD PLATING.
2: TAILS PLATING MATTE TIN 150U" MIN OVER NICKEL 50U" MIN.
2.5 SHIELD : BRASS T=0.2mm PLATED NICKEL 30U"~80U" FOR ALL.

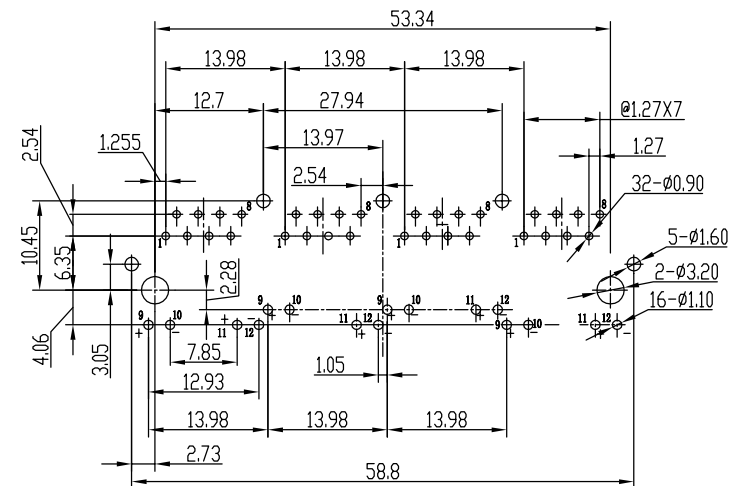
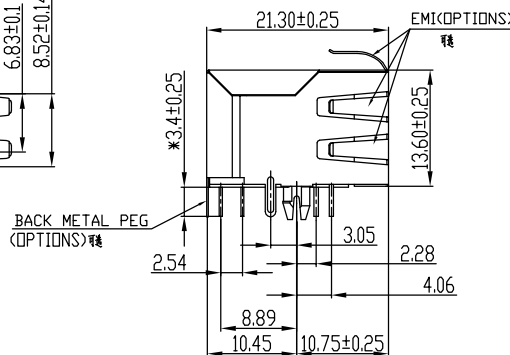
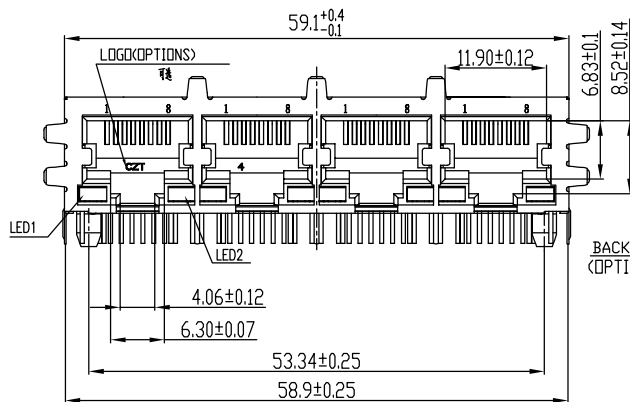
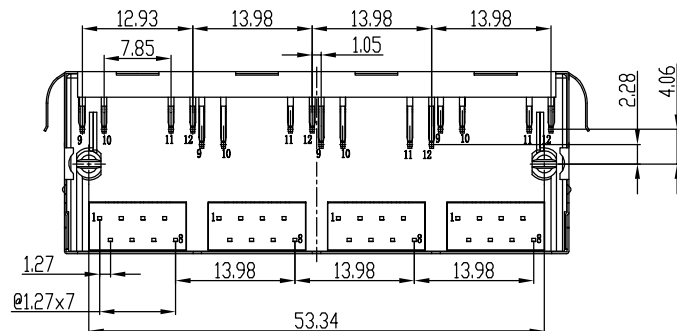
3. MECHANICAL:

3.1 DURABILITY : 750 CYCLES MIN.
3.2 MATING/UNMATING FORCE : 30N Max.
3.3 RETENTION STRENGTH : 50N FOR 60S±5S.

4. ENVIRONMENTAL:

4.1 STORAGE : -40°C TO +85°C RELATIVE HUMIDITY < 80%
4.2 OPERATION : -40°C TO +85°C.
4.3 STORAGE TIME LIMIT: 12 MONTHS

MATES WITH MODULAR PLUG CONFORMING TO
IEC-60603 & TIA-1096.



PC BOARD LAYOUT T=1.60mm COMPONENT SIDE SHOWN
Tolerances±0.05mm

RoHS Compliant

CZT® 温州意华接插件股份有限公司
WENZHOU YIHUA CONNECTOR CO., LTD

TOLERANCES
公差
0 ~15 ±0.15
15~30 ±0.20
30~ ±0.25

ANGLES: ±1°

Material:
材质

SEE NOTE

Designed:
设计

刘攀

NAME:
名称

RJ45 1X4 W/LED PCB JACK

Finish:
电镀

SEE NOTE

Checked:
审核DWG NO:
图号

E59120402

REV.
版本SHEET 1 OF 2
第 1 页 共 2 页Approved:
核准PART NO:
料号

SEE TABLE

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RECOMMENDED PANEL CUT OUT
SUGGESTED PANEL OPENING

BBCDD