

电气特性:

1. 额定电压: 125 VAC RMS
2. 额定电流: 1.5 AMP
3. 接触电阻: 20 mΩ MAX.
4. 绝缘电阻: 1000 MΩ MIN. @500 VDC
5. 耐压强度: 1500 V DC 或 1000V AC RMS @
0.5mA 50 Hz 或 60 Hz 一分钟

机构特性:

1. 塑壳材质: LCP 黑 UL94V-0;
2. 扁针材质: 磷青铜, 厚度0.35mm;
3. 扁针电镀: 接触区镀金 (见料号表格),
镍底, 剥头电镀雾锡;
4. 可靠性: 最少750次插拔;
5. 插入/拔出力: 30N Max.
6. 配合强度: 50N FOR 60s±5s.

REV. 版本	ECN NO. 变更说明	DATE 日期
01-04	ADD PART NO.	10/19'09
05	增加平整度管控	05/24'11
06	ADD PART NO.	05/31'11
07	EC11082701	08/27'11
08	更新技术参数, 统一材质	2012.11.13
09	新增料号规格	2014.12.16
10	新增料号规格	2015.09.14

NOTES:

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC RMS.
2. CURRENT RATING : 1.5 AMP.
3. CONTACT RESISTANCE : 20 MILLIOHMS MAX.
4. INSULATION RESISTANCE : 1000 MEGOHMS MIN @ 500 VDC
5. DIELECTRIC STRENGTH : 1500 V DC OR 1000V AC RMS
@ 0.5mA 50 Hz / 60 Hz 1 Minute

MECHANICAL:

1. HOUSING&INSERT& MATERIAL : LCP UL94V-0. COLOR BLACK
2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm.
3. PLATING :
1: CONTACT AREA SELECTIVE GOLD PLATING.
2: TAILS PLATING TIN OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. MATING/UNMATING FORCE: : 30N Max.
6. RETENTION STRENGTH: : 50N FOR 60s±5s.

ENVIRONMENTAL:

1. STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C.

MATES WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.

环境特性:

1. 储存温度: -40℃~+85℃ 相对湿度<80%
2. 工作温度: -40℃~+85℃

ROHS PART NUMBER :

P/N	DESCRIPTION	CONTACT PLATING GOLD	MATERIAL
B531N-88GF-U002	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	G/F	LCP BLACK
10240488A001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	G/F	LCP BLACK
B531N-8806-U002	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	6U*	LCP BLACK
B531N-8803-U001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	3U*	LCP BLACK
B531N-8803-R002	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	3U*	LCP BLACK
B531N-8850-R001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	50U*	LCP BLACK
B531N-8830-R001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	30U*	LCP BLACK
B531N-88GF-Y001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	G/F	LCP BLACK
10240388C001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	6U*	LCP BLACK
10240488B001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	3U*	LCP BLACK
10240388C002	RJ45 1X1 JK1278 SMT 8P8C PCB JACK REEL	6U*	卷带包装 LCP BLACK
10240388A003	RJ45 1X1 JK1278 SMT 8P8C PCB JACK REEL	G/F	卷带包装 LCP BLACK

PC Board Layout
Thickness=1.2mm
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 ± 0.25
.00 ± 0.20
.000 ± 0.10

Material:
材质
Finish:
电镀

SEE NOTE
SEE NOTE

Designed:
设计
Checked:
审核

杨光权

NAME:
名称
DWG NO:
图号

RJ45 1X1 JK1278 SMT JACK
ESMTC07081307

REV.
版本

第一视角

A4
SIZE

SCALE
比例
1:1

UNIT
单位
mm

CUSTOMER:
客户
MODEL NO:
料号

N/A
N/A

ANGLES ± 0.5

SHEET 1 OF 2
第 1 页 共 2 页

Approved:
核准

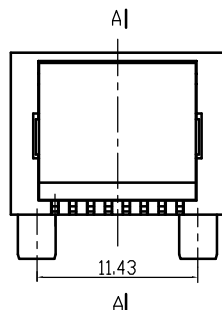
PART NO:
料号

SEE NOTE

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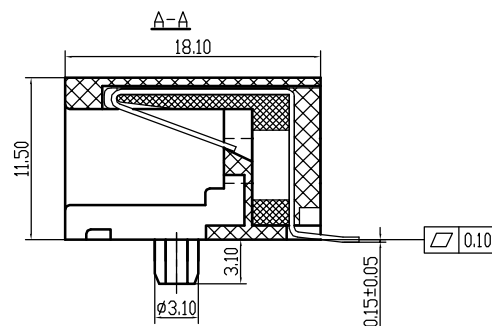
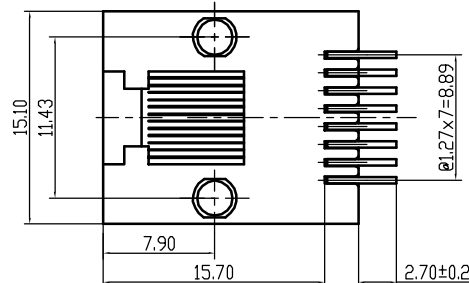
MECHANICAL:

1. HOUSING&INSERT& MATERIAL : LCP UL94V-0. COLOR BLACK
2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm.
3. PLATING : 1: CONTACT AREA SELECTIVE GOLD PLATING.
2: TAILS PLATING TIN OVER NICKEL.
4. OPERATING LIFE : 750 CYCLES MIN.
5. MATING/UNMATING FORCE: : 30N Max.
6. RETENTION STRENGTH: : 50N FOR 60s±5s.

ENVIRONMENTAL:

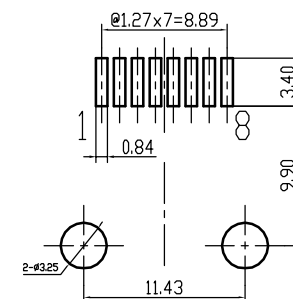
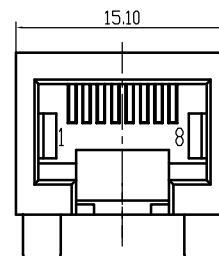
1. STORAGE : -40°C TO +85°C RELATIVE HUMIDITY<80%.
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MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.



机构特性:

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2. 扁针材质: 磷青铜, 厚度0.35mm;
3. 扁针电镀: 接触区镀金(见料号表格), 镍底, 剥头电镀雾锡;
4. 可靠性: 最少750次插拔;
5. 插入/拔出力: 30N Max.
6. 配合强度: 50N FOR 60s±5s.



PC Board Layout
Thickness=1.2mm
TOLERANCES ±0.05mm

环境特性:

1. 储存温度: -40℃~+85℃ 相对湿度<80%
2. 工作温度: -40℃~+85℃

ROHS PART NUMBER :

P/N	DESCRIPTION	CONTACT PLATING GOLD	MATERIAL
10240388A002	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	G/F	LCP BLACK
10240388B001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	3u"	LCP BLACK
10240388C003	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	6U"	LCP BLACK
10240388D001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	15U"	LCP BLACK
10240388F001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	30U"	LCP BLACK
10240388G001	RJ45 1X1 JK1278 SMT 8P8C PCB JACK	50U"	LCP BLACK

RoHS Compliant

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WENZHOU YIHUA CONNECTOR CO., LTD

TOLERANCES
公差
.0 ± 0.25
.00 ± 0.20
.000 ± 0.10

Material: 材质
Finish: 电镀

SEE NOTE
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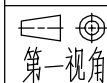
Designed: 设计
Checked: 审核

杨光权

NAME: 名称
DWG NO: 图号

RJ45 1X1 JK1278 SMT JACK
ESMTC07081307

REV. 版本

A4
SIZESCALE
比例
1:1UNIT
单位
mmCUSTOMER: 客户
MODEL NO: 料号N/A
N/A

ANGLES ± 0.5

SHEET 2 OF 2
第 2 页 共 2 页

Approved: 核准

PART NO: 料号

SEE NOTE

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