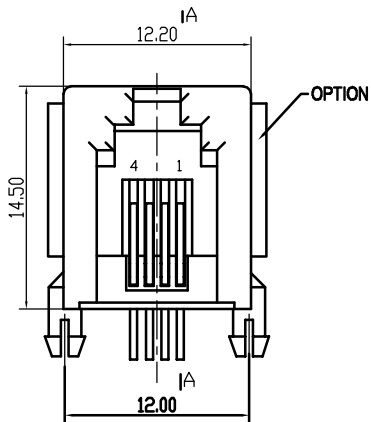
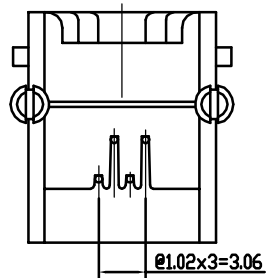


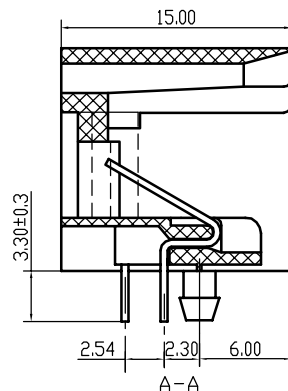
YH-55-31



Technical drawing of a mechanical part showing a cross-section. The drawing includes the following dimensions and specifications:

- Overall width: $\phi 1.02 \times 3 = 3.06$
- Overall height: 12.00
- Top hole diameter: $2 - \phi 0.90$
- Bottom hole diameter: $2 - \phi 2.36$
- Internal hole diameter: $\phi 1.02$
- Internal hole length: 3.06
- Internal hole offset: 4
- Internal hole offset: 1

PC BOARD LAYOUT
THICKNESS=1.6MM



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: 1000 VAC RMS 60Hz, 1分钟

机构特性:

1. 塑壳材质 : PBT或ABS;
2. 圆针材质 : 磷青铜, $\phi 0.46\text{mm}$;
3. 圆针电镀 : 镍底, 表面全部镀金;
4. 插入/拔出力 : 30N Max.
5. 配合强度 : 50N FOR 60S $\pm$ 5S.
6. 可靠性: 最少750次插拔.

环境特性:

1. 储存温度: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (PBT), 0°C TO $+70^{\circ}\text{C}$ (ABS) 相对湿度 $<80\%$.
2. 工作温度: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (PBT), 0°C TO $+70^{\circ}\text{C}$ (ABS).

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 | : 1000 VAC RMS 60Hz, 1MIN. |

MECHANICAL:

1. HOUSING&INSERT& MATERIAL : PBT/ABS .
2. CONTACT MATERIAL : PHOSPHOR BRONZE Ø0.46mm.
3. PLATING : GOLD PLATING OVER NICKEL.
4. MATING/UNMATING FORCE : 360N Max.
5. RETENTION STRENGTH : 50N FRD 60S±5S.
6. OPERATING LIFE : 750 CYCLES MIN.

ENVIRONMENTAL:

1. STORAGE : -40°C TO +85°C(PBT), 0°C TO +70°C(ABS), RELATIVE HUMIDITY<80%.
2. OPERATION : -40°C TO +85°C(PBT), 0°C TO +70°C(ABS).

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

ANGLES ± 0.5

Material:

材 质
Finish: 电 镀

SHEET 1 OF 2
第 1 页 共 2 页

SEE NOTE

SEE NOTE

Designed:	沿	計
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廖永生

Checked:	审核
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Approved:
核准

NAME:
姓名

DWG	NO
图	号

PART NO
料 号

RJ22 1X1 5523 4P PCB JACK

:	E55QWY-1009-7	REV. 版本
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0:	SEE NOTE	08
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REV.	版本
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08

YH-55-31

ROHS PART NUMBER:

材质颜色

REV. 版本	ECN NO. 变更说明	DATE 日期
01-05	ADD PART NUMBER	09/06/16
06	ADD PART NUMBER	09/07/27
07	ADD PART NUMBER	09/09/03
08	ADD PART NUMBER	11.06.25

PART NUMBER	PART NUMBER(OLD)	DESCRIPTION	CONTACT PLATING GOLD	MATERIAL COLOR
N/A	B553N-4430-M006	RJ22 1X1 5523 4P4C CUT EAR PCB JACK	30u"	PBT GRAY 灰
10219644A015	B553N-44GF-M014	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	PBT GRAY 灰
N/A	B553N-44GF-I003	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS GRAY 灰(阻燃)
10219644A013	B553N-44GF-M012	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	PBT BLACK 黑
10219644C010	B553N-4406-M012	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	6u"	PBT BLACK 黑
10219644B005	B553N-4403-M014	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	3u"	PBT GRAY 灰
N/A	B553N-44GF-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS GRAY 灰
10219644C012	B553N-4406-M004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	6u"	PBT GRAY 灰
N/A	B553N-4430-H002	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	30u"	ABS BLACK 黑(阻燃)
N/A	B553N-4203-M004	RJ22 1X1 5523 4P2C WITH EAR PCB JACK	3u"	PBT GRAY 灰
N/A	B553N-4403-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	3u"	ABS GRAY 灰
N/A	B553N-4403-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	3u"	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-4403-I008	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	3u"	ABS LIGHT GRAY 浅灰(阻燃)
10219644B003	B553N-4403-M012	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	3u"	PBT BLACK 黑
N/A	B553N-4406-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	6u"	ABS GRAY 灰
N/A	B553N-4406-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	6u"	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-4415-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	15u"	ABS GRAY 灰
N/A	B553N-4415-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	15u"	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-4415-M011	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	15u"	PBT GRAY 灰
N/A	B553N-4430-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	30u"	ABS GRAY 灰
N/A	B553N-4430-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	30u"	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-4450-F004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	50u"	ABS GRAY 灰
N/A	B553N-4450-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	50u"	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-44GF-E002	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS BLACK 黑
N/A	B553N-44GF-H004	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS BLACK 黑(阻燃)
N/A	B553N-44GF-I006	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS DARK GRAY 深灰(阻燃)
N/A	B553N-44GF-I008	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	ABS LIGHT GRAY 浅灰(阻燃)
10219644A011	B553N-44GF-M019	RJ22 1X1 5523 4P4C WITH EAR PCB JACK	G/F	PBT WHITE 白
N/A	B553N-4215-M004	RJ22 1X1 5523 4P2C WITH EAR PCB JACK	15u"	PBT GRAY 灰
10219644C013		RJ22 1X1 5523 4P4C WITH EAR PCB JACK	6u"	PBT GRAY 灰 (卷带包装)
10219644D006		RJ22 1X1 5523 4P4C WITH EAR PCB JACK	镀金15u"	PBT BLACK 黑
10219644G004		RJ22 1X1 5523 4P4C WITH EAR PCB JACK	50u"	PBT GRAY 灰
10219644H001		RJ22 1X1 5523 4P4C WITH EAR PCB JACK	55u"	PBT GRAY 灰

RoHS Compliant

5523插座 4P4C 有耳(切耳)

CZT® 温州壹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	SEE NOTE	Designed: 设 计	廖永生	NAME: 名 称	RJ22 1X1 5523 4P PCB JACK
第一视角				ANGLES ± 0.5		Finish: 电 镀	SEE NOTE	Checked: 审 核		DWG NO: 图 号	E55QWY-1009-7
A4 SIZE				SHEET 2 OF 2 第 2 页 共 2 页		Approved: 核 准		PART NO: 料 号		REV. 版本	08
SCALE 比例				UNIT 单位		CUSTOMER: 客 户		MODEL NO: 料 号		SEE NOTE	
1:1				mm		N/A		N/A			