



PRETEK

APPROVAL SHEET

CUSTOMER NAME :

ITME : D 型混装大电流连接器

MODEL : DMP2-3W3P-03

MATERIEL NO :

DATE : 15/03/2007

APPROVED BY:

深圳市普瑞泰电子有限公司

地址: 深圳市福田区深南中路南光捷佳大厦2121室

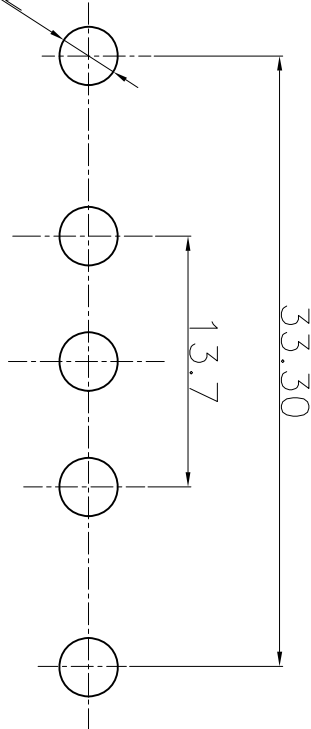
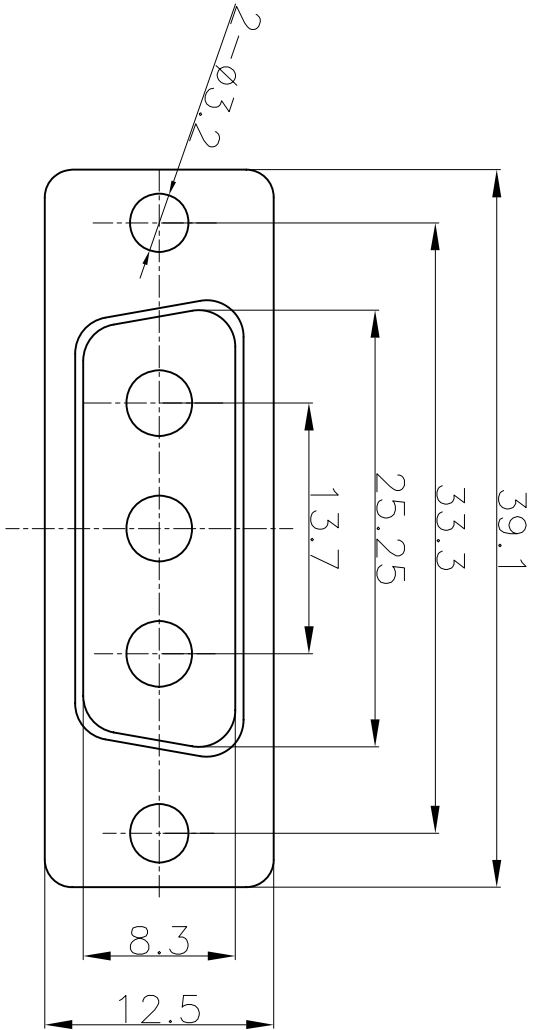
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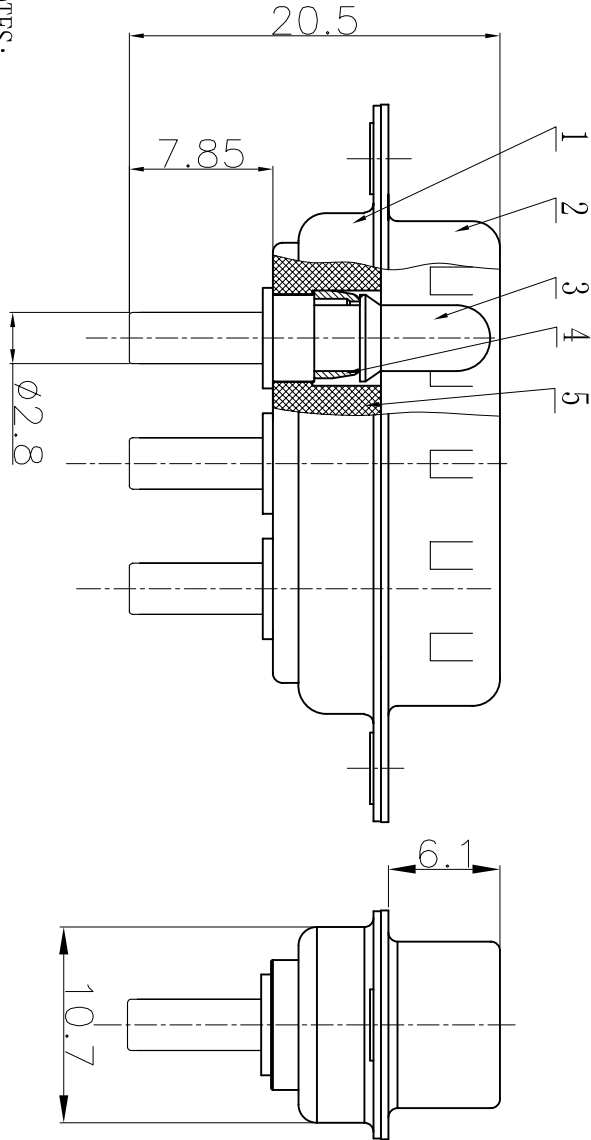
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REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
VO.0			初版发行	20070814	



PCB LAYOUT



NOTES:

- 1. Material : See Table
- 2. All dimensions are in millimeters.
- 3. Electrical performances
Rated current:30A ; Withstand voltage: AC 1000V/1min
Insulation resistant:≥1000MΩ ; Contact resistant: ≤5mΩ
- 4. Mechanical performances
Range: -55~105℃; Lift test: 500 cycles

DIM	TOL	DIM	TOL
x	±0.20	x	±2°
.x	±0.15	.x	
.xx	±0.10	.xx	
.xxx		.xxx	

5	6100066	3芯针前后安装板	PTH301+30%GF,颜色为黑色	2	各1
4	7070002	卡环	磷青铜6210(QSn6.5-0.1) 半硬 表面镀镍50μ",镀金50μ"	3	
3	5010022	Φ 3.6直焊板插针	黄铜HPb59-1 硬态, 镀金50μ"	3	
2	7010031	抽牙公铁壳	钢带, 镀亮镍100U"	1	
1	7010061	后铁壳	钢带, 镀锡100U"	1	
序号	代码	名称	材料及表面处理	数量	备注
			深圳市普瑞泰电子有限公司		
DRAW NO.		FILE NO.	DATE	TITLE: 0型3芯直式PCB焊板插座 (针)	
CHECK:		DESIGN:		P/N:	DMP2-3WP-03
REV.	VO.0	APPROVAL:		SHEET:	1/1
				SCALE:	1:1
				UNIT:	mm

一.	Material NO 物料代码:
二.	Material Name 物料名称: D 型 3 芯直式 PCB 焊接插座 (针)
三.	Product Type 产品型号: DMP2-3W3P-03
四. Technical features 技术参数: 1. Electric characteristic 电气特性 1.1 Rated current 额定电流: 30A 1.2 Rated voltage 额定电压: 250V 1.3 Insulation resistance 绝缘电阻: $\geq 1000M\ \Omega$ 1.4 Voltage proof 耐电压: 1000V AC 1.5 Contact resistance 接触电阻: $\leq 5\ m\ \Omega$  2. Mechanical characteristic 机械特性 Mechanical Durability 机械寿命: 500cycles 500 次 3. Material and surface plating 材料及表面处理 3.1 Contact 接触件 Material 材 料: Copper alloy 铜合金 production Technique 生产工艺: Turing 车削加工 Surface plating 表面处理: Plating 5u", Gold over Nikel 镀金 5u" 3.2 Housing 基座 Material 材 料: PBT, With GF, UL 94V-0 Black production Technique 生产工艺: Injecting 注塑加工 3.3 Sheel 外 壳 Material 材 料: Steel Strip 钢带 production Technique 生产工艺: Punching 冲压加工 Surface plating 表面处理: Plating Ni 镀镍 4. Environment 工作环境 Temperature range 工作温度: $-55^{\circ}\text{C}\sim 105^{\circ}\text{C}$ Ralative humidity 相对湿度: 40°C时, (90-95) % Vibration 振 动: 0Hz~2000Hz, Acceleration 加速度 196m/s^2 Shock 冲 击: Acceleration $490\ \text{m/s}^2$	
五.	Most figure size 最大外型尺寸: $39.1\times 12.5\times 20.5$

六. **Material introduction** 物料简介:

1. **Basic instance** 基本情况

The design of electrical features and Mechanical features is based on IEC60807-2.

电性能和机械性能依据 IEC60807-2、IEC60603-2 标准进行设计。

The connector is socket of Series D Rectangular Connector. Its terminal method is PCB jointing, it could be applied with DMP-3W3S.

该连接器为 D 系列矩形混装插头，端接方式为 PCB 焊接，可与 DMP-3W3S 配合使用。

2. **Pack and Storage** 包装储存

Products are Packed with plastic box. The packing list must be in the packing box which has been gave clear indication of designation、type、lot number and products total number.

The products with packing are saved up at storeroom which environment temperature is $5^{\circ}\text{C} \sim 30^{\circ}\text{C}$, humidity $\leq 80\%$, no acidity、no alkalescence and other corrosive gas, under these conditions the stockpile period doesn't exceed tow years from production date.

产品采用吸塑盒包装，箱内应有装箱单，装箱单及包装箱上注明产品名称、型号、批号及产品总数量。

包装好的产品应放环境温度为 $5^{\circ}\text{C} \sim 30^{\circ}\text{C}$ ，相对湿度在 80%以下，周围空气中无酸性、碱性或其他腐蚀性气体的库房里储存，在上述条件下，储存期自生产日期不超过两年。

3. **In point criterion** 适用标准: IEC60807-2

4. **Technique use** 工艺使用:

PCB jointing PCB 焊接