

# Power Module

## Module Power Connector



### FEATURES

- **Industrial standard contacts**  
Allows to cross mating to competitive product
- **Integral Guide Pin design**  
Reduces Fatiguing Stress on connectors during Blind mating
- **First/Last mate and break design**  
Grounds and Powers the system before mating of signal circuit
- **High mating cycle , Line and Crown contact Design**  
Line and Crown contact solution ,Provide high mating cycle and low mating force

### 特征

- ◆ **工业标准端子选配**  
可以与竞争对手的产品很好的相兼容
- ◆ **盲导功能设计**  
盲插连接过程中降低疲劳应力
- ◆ **先/后 接触及先后断开设计**  
电力和接地保护在连接电路前
- ◆ **高耐久性、高可靠性线簧或冠簧接触件，连接器插拔寿命长**  
线簧及冠簧接触设计，高插拔寿命及低插拔力表现

### PRODUCT SPECIFICATIONS/产品规格

Contact size	#0	#12
Current Rating (Amperes) 额定电流 (安培)	180	40
Voltage Ratings (Volts) 额定电压 (伏特)	600	600
AVG Contact Resistance(micro-ohms)接触电阻 (微欧)	400	1000
Insulation Withstanding Test Voltage (Volts AC) 绝缘耐电压 (交流)	1500	1500
Insulation resistance (MΩ) 绝缘电阻	>500	>500
Mechanical life 机械寿命	500	500
Operating Temperature Range °C °F 工作温度	-55° to 125° -67° to 257°	-55° to 125° -67° to 257°
Product Certification 产品认证	UL, CUL	
Flammability Rating of Housing Material 材料防火等级 Plastic(塑胶壳) PET Contact(端子) Copper Alloy Silver plating Gold plating	UL94 V-0	UL94 V-0

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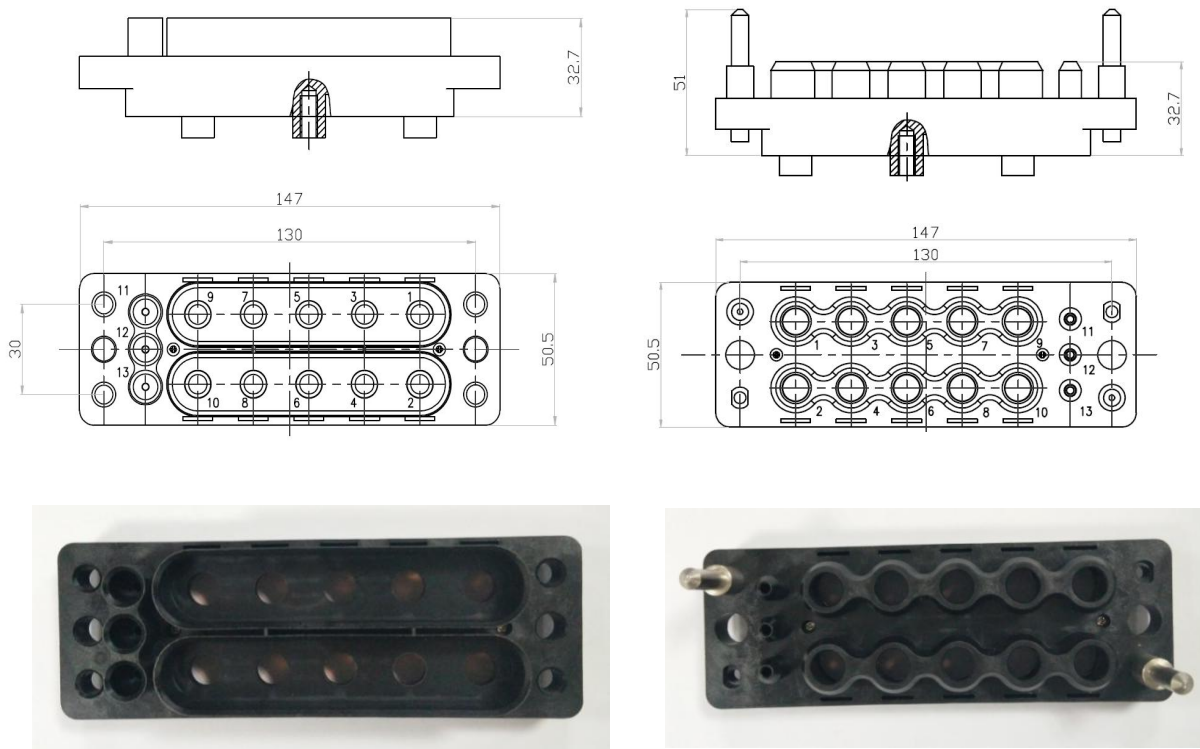
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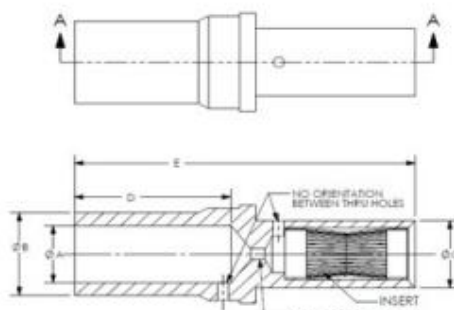
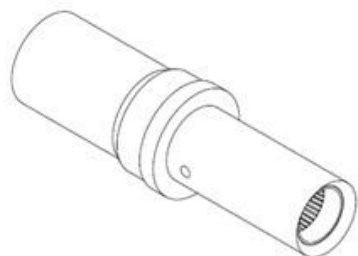
### 13PIN 180A HOUSING/13PIN 180A 胶壳



### SPEC/产品规格

GP13T	插头, 装插针, 10X0#接触件 + 13X12#接触件 (Pin 10x0#, 13X12# Contact)
GP13Z	插座, 装插孔, 10X0#接触件 + 13X12#接触件 (Socket 10x0#, 13X12# Contact)

### CANTACT/接触件



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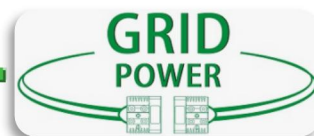
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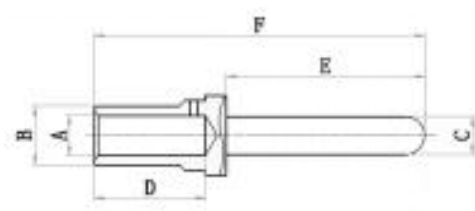
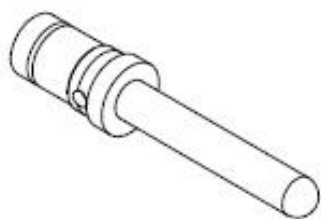
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Part Number 料号	Wire Size/ 线径	-A-		-B-		-C-		-D-		-E-	
		mm	In	mm	In	mm	In	mm	In	mm	In
K12YAg-2.5	12-14	2.5	0.10	3.8	0.15	4.1	0.16	6.9	0.27	18	0.71
K12YAg-3.2	12 跟 4mm <sup>2</sup>	3.2	0.13	4.5	0.18	4.1	0.16	6.9	0.27	18.5	0.73
K12YAg-1.8	16	1.8	0.07	3.8	0.15	4.1	0.16	6.9	0.27	18	0.71

以上端子如需全镀金后面带上-Au (Gold plating -Au)

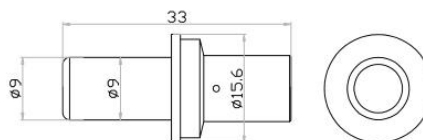
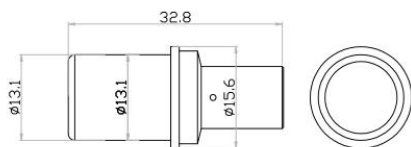
### CANTACT/接触件



Part Number 料号	Description/描述	-A-		-B-		-C-		-D-		-E-		-F-	
		In	m	In	m	In	m	In	mm	In	mm	In	mm
Z12YAgM-2.5	#12-14 AWG- STD. LENGTH	.10	2.6	.15	3.6	.09	2.4	.26	6.5	.56	14.3	.86	21.8
Z12YAgL-2.5	#12-14 AWG- PRE-MATE LENGTH	.10	2.6	.15	3.6	.09	2.4	.26	6.5	.59	15.0	.89	22.5
Z12YAgS-2.5	#12-14 AWG POST-MATE	.10	2.6	.14	3.6	.09	2.4	.28	7.2	.52	13.2	.84	21.4
Z12YAgM-3.2	#12 AWG 跟 4mm <sup>2</sup> - STD. LENGTH, HOT PLUG	.13	3.2	.15	3.8	.09	2.4	.26	6.5	.56	14.3	.86	21.8
Z12YAgL-3.2	#12 AWG 跟 4mm <sup>2</sup> - PRE-MATE LENGTH, HOT PLUG	.13	3.2	.15	3.8	.09	2.4	.26	6.5	.59	15.0	.89	22.5
Z12YAgS-3.2	#12 AWG 跟 4mm <sup>2</sup> POST-MATE, HOT PLUG	.13	3.2	.15	3.8	.09	2.4	.26	6.5	.52	13.2	.81	20.7

以上端子如需全镀金后面带上-Au( Gold Plating-Au)

### CANTACT/接触件



Part Numb 料号	Wire Size/线径	Description 描述
P5213-F	#0	Silver Plated 镀银

Part Numb 料号	Wire Size/线径	Description 描述
P5213-M	#0	Silver Plated 镀银

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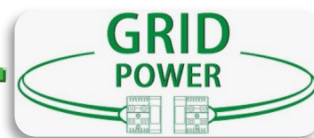
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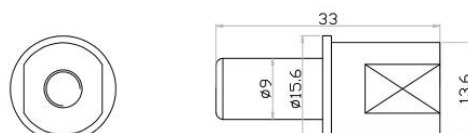
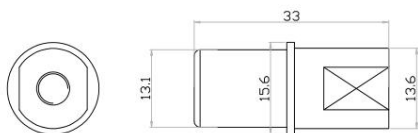
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### CANTACT/接触件



Part Numb 料号	Wire Size/线径	Description 描述
P1352M6-F	M6 螺纹	Silver Plated 镀银
P1352M8-F	M8 螺纹	Silver Plated 镀银

Part Numb 料号	Wire Size/线径	Description 描述
P1352M6-M	M6 螺纹	Silver Plated 镀银
P1352M8-M	M8 螺纹	Silver Plated 镀银

以上端子如需全镀金后面带上-Au (Gold plating -Au)

### GUIDE PIN/导向销



Part Numb 料号	Description 描述
DX-12352	Stainless steel 不锈钢

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