

### 1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity(max)/最大潮湿:  $\leq 95\%$  [at 60 deg C / 140 F]  
 Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾: 96hr

#### Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]  
 Shock Resistance/冲击: 100g[6ms]  
 Endurance (Shell)/机械寿命: 5000+

### 2. 电气性能

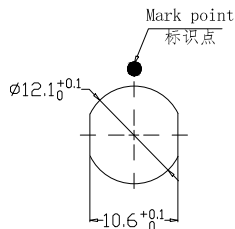
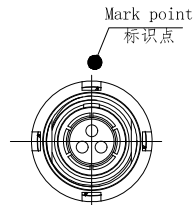
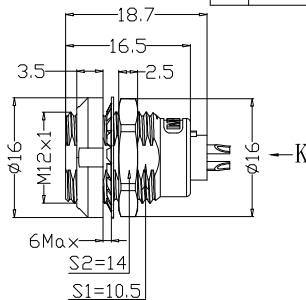
Insert Configuration/针芯配置: 1BP. 303 3Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance/接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1300V(AC)  
 Rated working current/额定工作电流: 12.0A

#### Other Specification/其它规格:

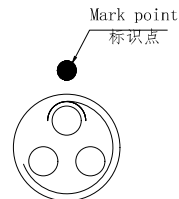
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50

\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



Panel cut-outs  
建议安装开孔尺寸



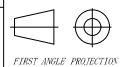
view K  
K孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P003	2024. 05. 28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	
$\leq 10$	$\pm 0.1$
$< 10^{\circ} \sim 20^{\circ}$	$\pm 0.15$
$< 20^{\circ} \sim 50^{\circ}$	$\pm 0.3$
Angle	$\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1: 1

SIZE: A4

REV/版本 A1

名称  
PART NAME

型号  
PART NAME

ZCG-1BP 双螺母插座  
ZCG-1BP Double nut socket

ZCG. 1BP. 303. KWKL