

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

Operating Temperature/工作温度 : -55°C~150°C

Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]

Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾 : 96hr

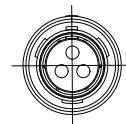
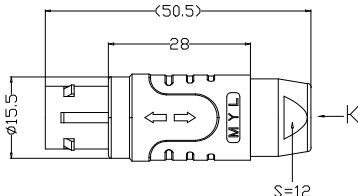
#### Mechanical data/机械特性:

Vibration/振 动 : 15g[10Hz~2000Hz]

Shock Resistance/冲 击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: Ø6.1mm-Ø7.0mm



### 2. 电气性能

Insert Configuration/针芯配置: 2BP. 303 3Low Voltage

Pin Size/接触件直径: Ø1.6mm

Contact resistance接触电阻: ≤4mΩ

Insulation resistance/绝缘电阻: 5000MΩ (测试电压500V(DC))

Withstand voltage/耐电压: 2400V(AC)

Rated working current 额定工作电流: 17.0A

#### Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

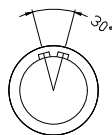
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜镀镍

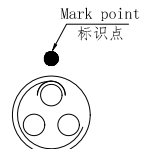
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级 : IP50

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



Plug front view  
插头前视图



view K  
K向孔位排列

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



美易连电子科技(深圳)有限公司  
Meiyilian electronic technology(shenzhen)Co.,Ltd.

DRAWN BY:  
绘图: P003 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
核准: P005 2024.05.28



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1: 1  
图例  
SIZE: A4

名称  
PART NAME

TG-2BP直式插头(不带护套式尾帽)  
TG-2BP Straight Plug  
(without jacketed tail cap)

REV/版本 A1

SHEET: 1 OF 1  
型号  
PART NAME

TGA. 2BP. 303. KWKAD72