

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: $<=95\%$ [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: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

2. 电气性能

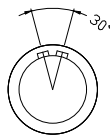
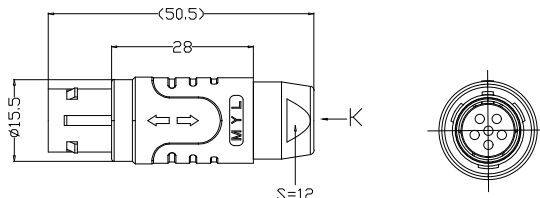
Insert Configuration/针芯配置: 2BP.306 6Low Voltage
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1350V(AC)
 Rated working current额定工作电流: 12.0A

Other Specification/其它规格:

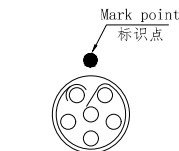
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜电镀
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

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

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



Plug front view
插头前视图



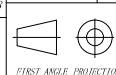
view K
K向孔位排列

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

GENERAL TOLERANCE (UNLESS SPECIFIED)
$\leq 10 \pm 0.1$
$< 10^{\circ} \sim 20 \pm 0.15$
$< 20^{\circ} \sim 30 \pm 0.3$
Angle $\pm 1^{\circ}$



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



FIRST ANGLE PROJECTION

REV/版本	A1
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单位 UNIT: mm
比例 SCALE: 1: 1
尺寸 SIZE: A1
SHEET: 1 OF 1

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)
型号 PART NAME	TGA. 2BP. 306. KWKAD82

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<https://www.myconnector.com/>

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