

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

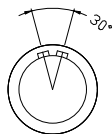
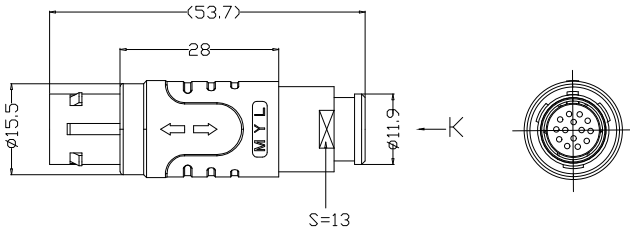
Insert Configuration / 针芯配置 : 2BP.314 14Low Voltage
 Pin Size / 接触件直径 : $\phi 0.7\text{mm}$
 Contact resistance / 接触电阻 : $\leq 12.5\text{m}\Omega$
 Insulation resistance / 绝缘电阻 : 5000 Ω (测试电压500V(DC))
 Withstand voltage / 耐电压 : 1150V(AC)
 Rated working current / 额定工作电流 : 6.5A

Other Specification / 其它规格:

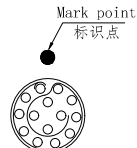
Contact PIN / 接触体 : Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质 : PEEK
 Other Shell Material / 其它壳体材质 : 铜镀镍
 Insulator material / 绝缘体材料 : PEEK
 IP Rating / 防护等级 : IP50

*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



Plug front view
插头前视图



view K
K向孔位排列

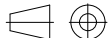
DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
核准: P005 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)

≤ 10 ± 0.1
 $< 10^{\circ} \sim 20$ ± 0.15
 $< 20^{\circ} \sim 30$ ± 0.3
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

UNIT: mm
 比例
 SCALE: 1:1
 SIZE: A1

REV/版本 A1 SHEET: 1 OF 1

名称

PART NAME

型号

PART NAME

TG-2BP直式插头(带护套式尾帽)
 TG-2BP Straight Plug
 (with jacketed tail cap)

TGA. 2BP. 314. KWKAD82Z