

I. 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 : $\phi 8.1\text{mm} - \phi 9.0\text{mm}$

2. 电气性能

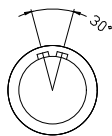
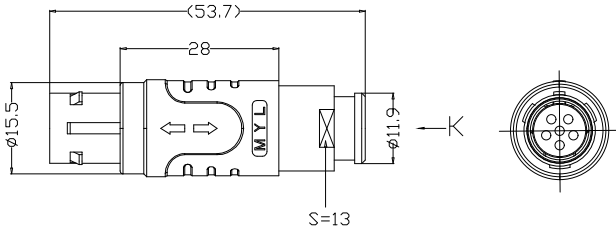
Insert Configuration / 针芯配置 : 2BP. 306 6Low Voltage
 Pin Size / 接触件直径 : $\phi 1.3\text{mm}$
 Contact resistance / 接触电阻 : $\leq 5\text{m}\Omega$
 Insulation resistance / 绝缘电阻 : 5000M Ω (测试电压 500V (DC))
 Withstand voltage / 耐电压 : 1350V (AC)
 Rated working current / 额定工作电流 : 11.9. 0A

Other Specification / 其它规格:

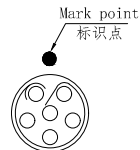
Contact PIN / 接触体 : Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质 : PEEK
 Other Shell Material / 其它壳体材质 : 铜镀镍
 Insulator material / 绝缘体材料 : PPS
 IP Rating / 防护等级 : IP50

*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/绘制



Plug front view
插头前视图



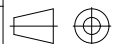
view K
K向孔位排列

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
$< 10 \sim \leq 20$	± 0.15
$< 20 \sim \leq 50$	± 0.3
Angle	$\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位 UNIT:	mm
比例 SCALE:	1:1
名称 PART NAME	TG-2BP 直式插头 (带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
型号 PART NAME	TGA. 2BP. 306. KWLAD92Z

REV/版本	A1	SHEET: 1 OF 1
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