

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 $60 \text{ deg C} / 140 \text{ F}$]
 Shielding /屏蔽性能: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$
 Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$
 Shock Resistance/冲击: $100\text{g}[6\text{ms}]$
 Endurance (Shell)/机械寿命: $5000+$
 Cable/配接电缆: $\phi 9.1\text{mm} - \phi 10.0\text{mm}$

2. 电气性能

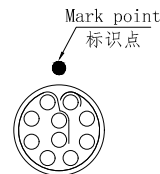
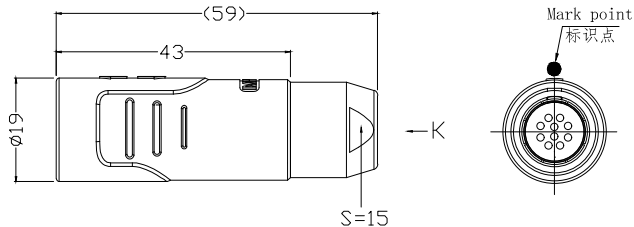
Insert Configuration/针芯配置: $3\text{BP}. 310 \text{ 10Low Voltage}$
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1250\text{V}(\text{AC})$
 Rated working current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: 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/设计



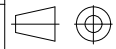
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K向孔位排列

DRAWN BY: 绘图: P003	2024.03.28
CHECKED BY: 审核: Z01	2024.03.28
APPROVED BY: 核准: P005	2024.03.28



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

单位 UNIT:	mm
比例 SCALE:	1:1
SIZE:	A4

名称 PART NAME	DHG-3BP浮动式插座(不带护套式尾帽) DHG-3BP Floating socket (without jacketed tail cap)
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型号 PART NAME	DHG. 3BP. 310. KWL1D102
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REV/版本	A1	SHEET: 1 OF 1
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