

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 $60 \text{ deg C} / 140 \text{ F}$]
 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: $\phi 5.1\text{mm} - \phi 6.0\text{mm}$

2. 电气性能

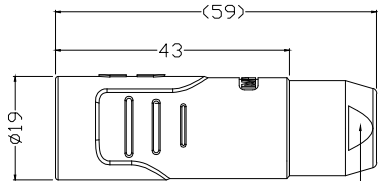
Insert Configuration/针芯配置: $3\text{BP}, 312, 12\text{Low Voltage}$
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance/接触电阻: $\leq 6\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1450\text{V}(\text{AC})$
 Rated working current/额定工作电流: 9.0A

Other Specification/其它规格:

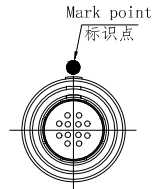
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镍镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

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

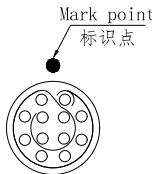
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



S=15



Mark point
标识点



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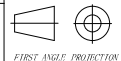
Mark point
标识点

DRAWN BY: 绘图: PD03	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: PD05	2024.05.28



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



FIRST ANGLE PROJECTION

REV/版本	A1
SHEET/版数	1 OF 1

单位 UNIT: mm	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)
比例 SCALE: 1: 1	型号 PART NAME	DHG. 3BP. 312. KWKLD62
SIZE: A4		