

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$

A Humidity(max)/最大潮湿:  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

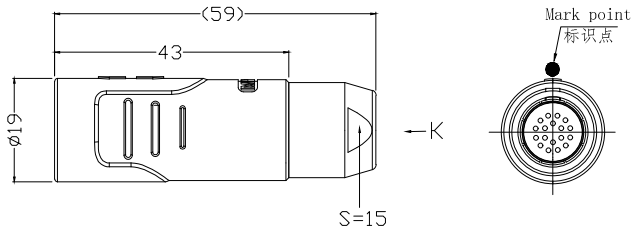
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 9.1\text{mm}\sim\phi 10.0\text{mm}$



B 2. 电气性能

Insert Configuration/针芯配置: 3BP. 318 18Low Voltage

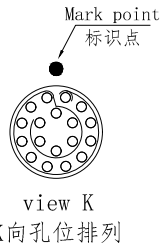
Pin Size/接触件直径:  $\phi 0.9\text{mm}$

Contact resistance接触电阻:  $\leq 6\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 1200V(AC)

Rated working current额定工作电流: 7.0A



C 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/绘图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |

DRAWN BY:  
绘图: P003

2024. 05. 28

CHECKED BY:  
审核: Z01

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APPROVED BY:  
批准: P003

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GENERAL TOLERANCE  
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10 \sim \leq 20 \pm 0.15$

$< 20 \sim \leq 50 \pm 0.3$

Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

REV/版本

A1

单位

UNT: mm

比例

SCALE: 1: 1

SIZE: A4

SHEET: 1 OF 1

REV/版本

A1

名称

PART NAME

型号

PART NAME

DWG-3BP浮动式插座(不带护套式尾帽)  
DHG-3BP Floating socket  
(without jacketed tail cap)

DHG. 3BP. 318. KWLLD102