

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

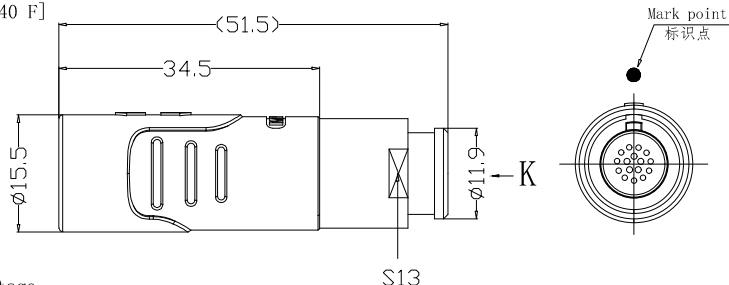
Mechanical data/机械特性:

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.316 16Low Voltage

Pin Size/接触体直径:  $\phi 0.7\text{mm}$

Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$

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

Withstand voltage/耐电压: 950V(AC)

Rated working current额定工作电流: 6.0A

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

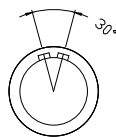
Housing Material/外壳材质: PEKK

Other Shell Material/其它壳体材质: 铜电镀

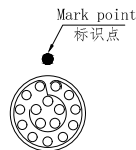
Insulator material/绝缘体材料: PPS

IP Rating/防护等级: IP50

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



Socket front view  
插座前视图

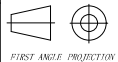


view K  
K向孔位排列

DRAWN BY: 绘图: P003		2024.05.28
CHECKED BY: 审核: Z01		2024.05.28
APPROVED BY: 核准: P005		2024.05.28
GENERAL TOLERANCE (UNLESS SPECIFIED)		
$\leq 10 \pm 0.1$		
$< 10^{\circ} \leq 20 \pm 0.15$		
$< 20^{\circ} \leq 50 \pm 0.3$		
Angle $\pm 1^{\circ}$		



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FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	DHA-2BP浮动式插座(带护套式尾帽) DHA-2BP Floating socket (with jacketed tail cap)
比例 SCALE: 1: 1	型号 PART NAME	DHA. 2BP. 316. KWLLD82Z
尺寸 SIZE: A4	型号 PART NAME	
REV/版本 A1	SHEET: 3 OF 1	