

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 :  $96\text{hr}$

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

2. 电气性能

Insert Configuration/针芯配置:  $2\text{BP}. 310 \text{ 10Low Voltage}$   
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 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:  $8.0\text{A}$

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: PEEK  
 IP Rating/防护等级 : IP50  
 \*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

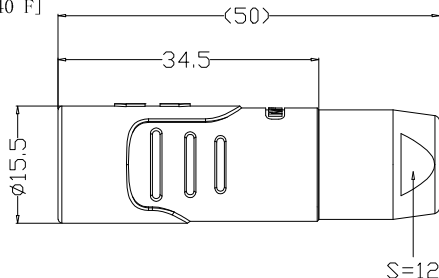
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

A

B

C

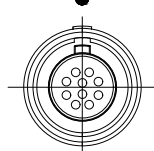
D



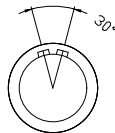
-K

S=12

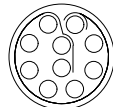
Mark point  
标识点



Mark point  
标识点



Socket front view  
插座前视图



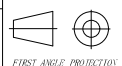
view K  
K向孔位排列

DRAWN BY:  
绘图: P003 2024. 05. 28  
 CHECKED BY:  
审核: Z01 2024. 05. 28  
 APPROVED BY:  
核准: P005 2024. 05. 28



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



单位  
UNIT: mm  
 比例  
SCALE: 1:1  
 名称  
PART NAME

名称  
PART NAME

DHA-2BP浮动式插座 (不带护套式尾帽)  
 DHA-2BP Floating socket  
 (without jacketed tail cap)

REV/版本

A1

型号  
PART NAME

DHA. 2BP. 310. KWLD92