

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 :  $\leq 95\%$  [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 :  $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$   
 Shock Resistance/冲击 :  $100\text{g}[6\text{ms}]$   
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi 2.1\text{mm} - \phi 3.0\text{mm}$

2. 电气性能

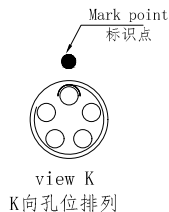
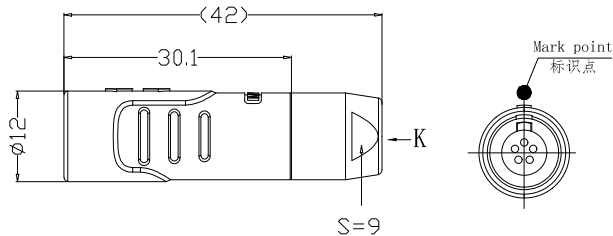
Insert Configuration/针芯配置: 1BP. 305 5Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $50000\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $1250\text{V(AC)}$   
 Rated working current额定工作电流:  $9.0\text{A}$

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



DRAWN BY:  
 绘图: PDG3 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) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	DHG-1BP浮动插座(不带护套式尾端)
		比例 SCALE: 1:1	PART NAME	DHG-1BP Floating socket (without jacketed tail cap)
REV/版本 A1	型号 SIZE: A4	型号 PART NAME	DHG. 1BP. 305. KWKLD32	
SHEET: 1 OF 1		https://www.myconnector.com/		