

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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 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:  $\phi 2.1\text{mm} - \phi 3.0\text{mm}$

2. 电气性能

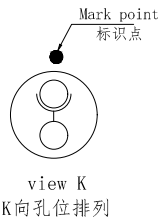
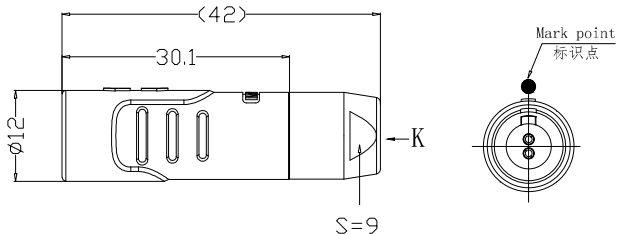
Insert Configuration/针芯配置: 1BP, 302 2Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐电压:  $1500\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $15.0\text{A}$


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: 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: PD03 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.		UNIT: mm		名称		DHG-1BP浮动式插座(不带护套式尾帽) DHG-1BP Floating socket (without jacketed tail cap)	
CHECKED BY: 审核: Z01 2024.05.28				SCALE: 1:1		PART NAME			
APPROVED BY: 核准: PD05 2024.05.28				SIZE: A4		型号			
GENERAL TOLERANCE (UNLESS SPECIFIED)		FIRST ANGLE PROJECTION		REV/版本		SHEET: 1 OF 1		DHG-1BP, 302, KWLLD32	
$\leq 10 \pm 0.1$				A1					
$< 10^{\circ} \leq 20^{\circ} \pm 0.15$									
$< 20^{\circ} \leq 50^{\circ} \pm 0.3$									
Angle $\pm 1^{\circ}$									