

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃  
 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: Φ4.4mm-Φ5.3mm

2. 电气性能

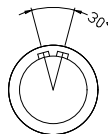
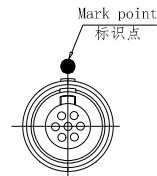
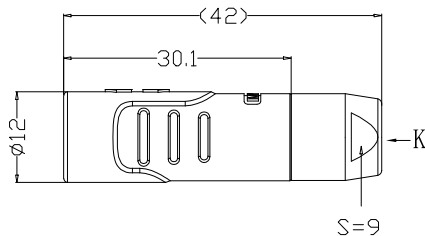
Insert Configuration/针芯配置:1BP.307 7Low Voltage  
 Pin Size/接触件直径:Φ0.7mm  
 Contact resistance接触电阻:≤12.5mΩ  
 Insulation resistance/绝缘电阻:5000MΩ(测试电压500V(DC))  
 Withstand voltage/耐电压:950V(AC)  
 Rated working current额定工作电流:7.0A

Other Specification/其它规格:

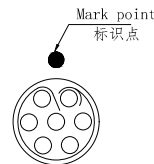
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级 : IP50

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

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



Socket front view  
插座前视图



view K  
K向孔位排列



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DRAWN BY: 2024.05.28  
 绘图: P003  
 CHECKED BY: 2024.05.28  
 审核: Z01  
 APPROVED BY: 2024.05.28  
 核准: P005

GENERAL TOLERANCE (UNLESS SPECIFIED)  
 ≤10 ±0.1  
 <10° ≤20 ±0.15  
 <20° ≤50 ±0.3  
 Anate ±1°

FIRST ANGLE PROJECTION	UNIT: mm	名称	DIA-1BP浮动式插座(不带护套式尾帽)
	RATIO SCALE: 1:1	PART NAME	DIA-1BP Floating socket (without Jacketed tail cap)
	SIZE: A4	型号	DIA. 1BP. 307. KWLLD58
REV/版本	A1	SHEET: 1 OF 1	PART NAME