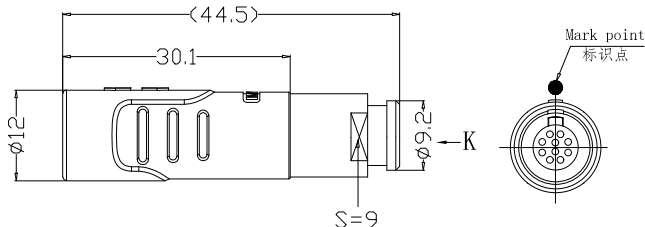


1. Product main performance/产品主要性能指标:

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

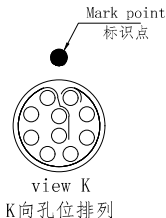
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 100g[6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi$ 3.1mm- $\phi$ 4.0mm



2. 电气性能

Insert Configuration/针芯配置:1BP.310 10Low Voltage  
 Pin Size/接触体直径: $\phi$ 0.5mm  
 Contact resistance接触电阻: $\leq$ 15m $\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:900V(AC)  
 Rated working current额定工作电流:2.5A



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

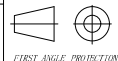
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

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



美易连电子科技(深圳)有限公司  
 Meilyan electronic technology (shenzhen) Co., Ltd.

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



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1:1

SIZE: A4  
SHEET: 1 OF 1

名称  
PART NAME  
型号  
PART NAME

DHC-1BP浮动式插座(带护套式尾帽)  
DHC-1BP floating socket  
(with jacketed tail cap)

DHC. 1BP. 310. KWKL42Z