

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:  $\phi$ 9.1mm- $\phi$ 10.0mm

2. 电气性能

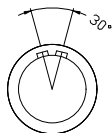
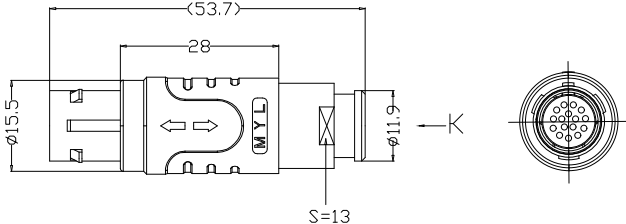
Insert Configuration/针芯配置:2BP.316 16Low Voltage  
 Pin Size/接触件直径: $\phi$ 0.7mm  
 Contact resistance接触电阻: $\leq$ 12.5m $\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:950V(AC)  
 Rated working current额定工作电流:6.0A

Other Specification/其它规格:

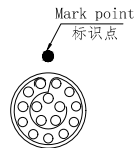
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图
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Plug front view  
插头前视图



view K  
K向孔位排列

DRAWN BY: 绘图: P003 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P005	2024.05.28 2024.05.28 2024.05.28	美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	名称 TG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)		
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10$ $\pm 0.1$ $< 10^{\sim} \leq 20$ $\pm 0.15$ $< 20^{\sim} \leq 50$ $\pm 0.3$ Axiality $\pm 1^{\circ}$			单位 UNT: mm 比例 SCALE: 1: 1 尺寸 SIZE: M4	型号 TGA. 2BP. 316. KWLAD102Z	
FIRST ANGLE PROJECTION		REV/版本 A1	SHEET: 1 OF 1		