

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: Ø3.1mm-Ø4.0mm

2. 电气性能

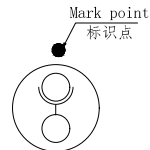
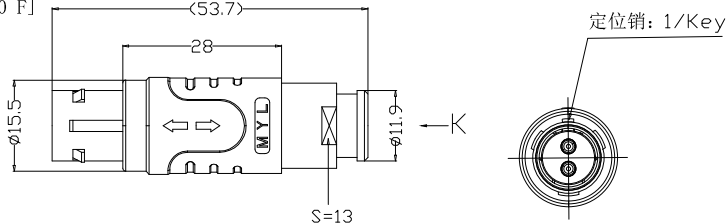
Insert Configuration/针芯配置:2BP.302 2Low Voltage
 Pin Size/接触件直径:Ø2.0mm
 Contact resistance接触电阻:≤3.5 mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:2100V(AC)
 Rated working current额定工作电流:30.0A

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/制图



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.		
GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 <10 ~ ≤20 ±0.15 <20 ~ ≤50 ±0.3 Angle ±1°	FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	TG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
		比例 SCALE: 1: 1	PART NAME	
REV/版本 A1	SHEET: 1 OF 1	SIZE: A4	型号	TGG. 2BP. 302. KWLAD42Z
			PART NAME	