

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55℃~150℃

A 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

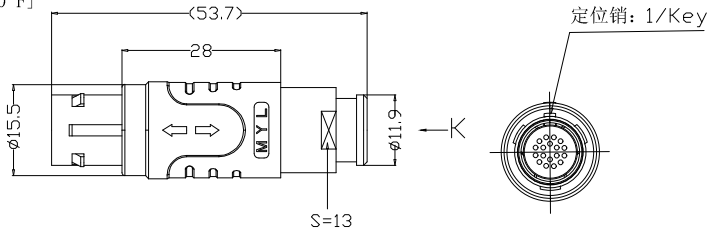
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 7.1\text{mm}-\phi 8.0\text{mm}$



B 2. 电气性能

Insert Configuration/针芯配置: 2BP. 318 18Low Voltage

Pin Size/接触件直径:  $\phi 0.7\text{mm}$

Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 850V(AC)

Rated working current额定工作电流: 5.5A

C Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

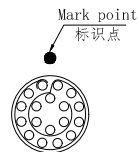
Housing Material/外壳材质: PEEK

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.



view K  
K向孔位排列

D

DRAWN BY: 绘图: P003 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.		名称 PART NAME		TG-2BP 直式插头 (带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
CHECKED BY: 审核: Z01 2024.05.28				比例 SCALE: 1:1		
APPROVED BY: 核准: P005 2024.05.28		FIRST ANGLE PROJECTION		型号 PART NAME		TGG. 2BP. 318. KWLAD82Z
GENERAL TOLERANCE (UNLESS SPECIFIED)		UNIT: mm		SIZE: A4		
≤10 ±0.1 <10° ≤20 ±0.15 <20° ≤50 ±0.3 Angle ±1°		REV/版本 A1		SHEET: 1 OF 1		

1

2

<https://www.myconnector.com/>

4

5

<https://www.myconnector.com/>

7

8