

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$

Humidity(max)/最大潮湿:  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动:  $15\text{g}$  [10Hz~2000Hz]

Shock Resistance/冲击:  $100\text{g}$  [6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 8.1\text{mm} - \phi 9.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 303 3Low Voltage

Pin Size/接触件直径:  $\phi 1.6\text{mm}$

Contact resistance接触电阻:  $\leq 4\text{m}\Omega$

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

Withstand voltage/耐电压:  $2400\text{V}$  (AC)

Rated working current额定工作电流:  $17.0\text{A}$

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

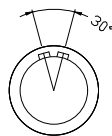
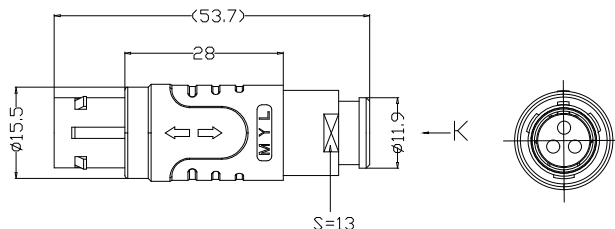
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PEEK

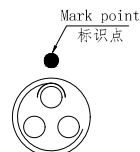
IP Rating/防护等级: IP50

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

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



Plug front view  
插头前视图



view K  
K向孔位排列

A

B

C


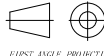
D

A

B

C

D

DRAWN BY: 绘图: P003 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 核准: P005 2024.05.28	 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	
	 FIRST ANGLE PROJECTION	比例 SCALE: 1: 1 名称 PART NAME 型号 PART NAME
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \sim 20 \pm 0.15$ $< 20^{\circ} \sim 50 \pm 0.3$ Angle $\pm 1^{\circ}$	REV/版本 A1 SHEET: 1 OF 1	TGA. 2BP. 303. KWKAD92Z