

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: $<95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

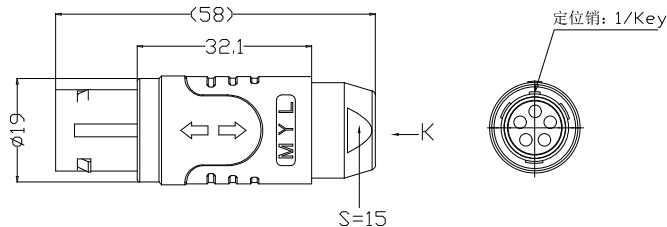
Mechanical data/机械特性:

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

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

Endurance (Shell)/机械寿命: $5000+$

Cable/配接电缆: $\phi 10.1\text{mm} - \phi 11.0\text{mm}$



定位销: 1/Key

S=15

2. 电气性能

Insert Configuration/针芯配置: $3\text{BP}.305 \text{ 5Low Voltage}$

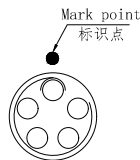
Pin Size/接触件直径: $\phi 1.6\text{mm}$

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 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $1900\text{V}(\text{AC})$

Rated working current额定工作电流: 19.0A



Mark point
标识点

view K
K向孔位排列

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.

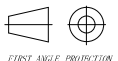
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
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美易连电子科技(深圳)有限公司
Meiyilian electronic technology(shenzhen)Co.,Ltd.

GENERAL TOLERANCE (UNLESS SPECIFIED)	UNIT: mm	名称 PART NAME
$\leq 10 \pm 0.1$	比例 SCALE: 1: 1	TG-3BP直式插头 (不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)
$< 10^{\circ} \leq 20 \pm 0.15$	SIZE: A4	型号 PART NAME
$< 20^{\circ} \leq 50 \pm 0.3$	SHEET: 1 OF 1	TGG. 3BP. 305. KWLAD112
Angle $\pm 1^{\circ}$	REV/版本	



FIRST ANGLE PROJECTION

REV/版本 A1

1

2

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

4

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

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