

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 $60 \text{ deg C} / 140 \text{ F}$]

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

Salt Spray Corrosion/盐雾: 96hr

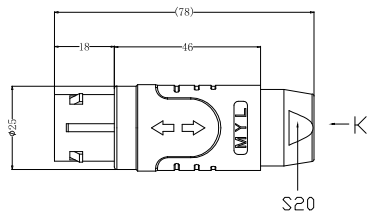
Mechanical data/机械特性:

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

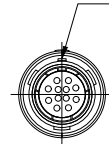
Shock Resistance/冲击: 100g [6ms]

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



2. 电气性能

Insert Configuration/针芯配置: 4BP.312 12Low Voltage

Pin Size/接触件直径: $\phi 1.3\text{mm}$

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 500V (DC))

Withstand voltage/耐电压: 1450V (AC)

Rated working current额定工作电流: 12.0A

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: 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

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CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	IG-4BP直式插头(不带护套式尾帽)
	比例 SCALE: 1:1	PART NAME:	IG-4BP Straight Plug (without jacketed tail cap)
REV/版本	A1	型号	TGG.4BP.312.KWKAD112
SHEET: 1 OF 1		PART NAME:	