

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 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: $\phi 13.1\text{mm} - \phi 14.0\text{mm}$

2. 电气性能

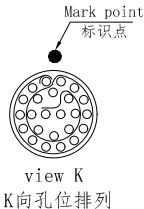
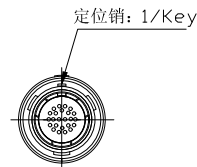
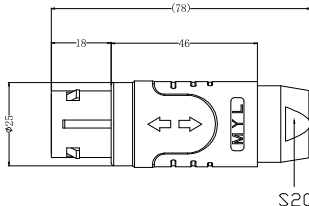
Insert Configuration/针芯配置: 4BP, 324 24Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1200V(AC)
 Rated working current额定工作电流: 7.0A

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: 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



DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)		单位 (UNIT): mm	名称 PART NAME	TG-4BP 直式插头 (不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap)
$\leq 10 \pm 0.1$	FIRST ANGLE PROJECTION	比例 SCALE: 1: 1	型号 PART NAME	TGG. 4BP. 324. KWKAD142
$< 10^{\circ} \leq 20 \pm 0.15$		SIZE: A4		
$< 20^{\circ} \leq 50 \pm 0.3$		REV/版本	A1	SHEET: 1 OF 1
Angle $\pm 1^{\circ}$				

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

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