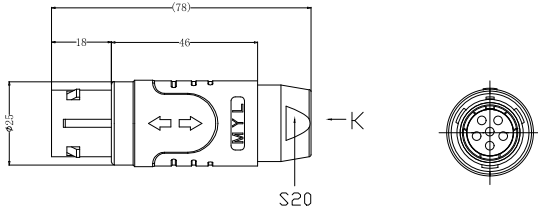


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃
 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: ϕ 13.1mm- ϕ 14.0mm



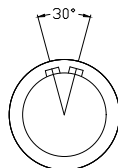
2. 电气性能

Insert Configuration/针芯配置:4BP.306 6Low Voltage
 Pin Size/接触件直径: ϕ 2.0mm
 Contact resistance接触电阻: \leq 3.5m Ω
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:2000V(AC)
 Rated working current额定工作电流:24.0A

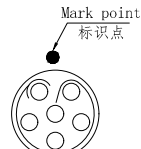
Other Specification/其它规格:

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: PPS
 IP Rating/防护等级 : IP50

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



Plug front view
插头前视图



view K
K向孔位排列

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

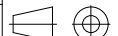
DRAWN BY:
绘图: P003
2024.05.28
CHECKED BY:
审核: Z01
2024.05.28
APPROVED BY:
核准: P003
2024.05.28



美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE
(UNLESS SPECIFIED)

≤ 10 ± 0.1
 $< 10^\circ \leq 20$ ± 0.15
 $< 20^\circ \leq 50$ ± 0.3
 Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位
(UNIT): mm

比例
(SCALE): 1:1

图号
(SIZE): A4

张数
(SHEET): 1 OF 1

名称
(PART NAME)

TG-4BP 直式插头 (不带护套式尾帽)

TG-4BP Straight Plug
(without jacketed tail cup)

型号
(PART NAME)

TGA. 4BP. 306. KWLAD142

REV/版本 A1

SHEET: 1 OF 1