

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

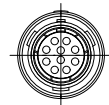
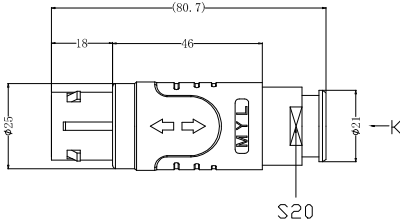
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 4BP.310 10Low 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: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1850V(AC)

Rated working current额定工作电流: 17.0A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

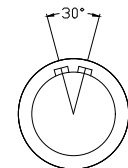
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜镀镍

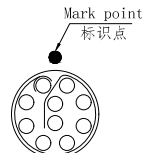
Insulator material/绝缘体材料: PPS

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

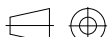
DRAWN BY: 绘图: P003 2024.05.28
CHECKED BY: 审核: Z01 2024.05.28
APPROVED BY: 核准: P005 2024.05.28



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

GENERAL TOLERANCE (UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $< 10^{\circ} \leq 20 \pm 0.15$
 $> 20^{\circ} \leq 50 \pm 0.3$
Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位 UNIT: mm

名称 NAME

比例 SCALE: 1:1

型号 MODEL

REV/版本

SHEET: 1 OF 1

名称 NAME
TG-4BP 直式插头 (带护套式尾帽)
TG-4BP Straight Plug
(with jacketed tail cap)

型号 MODEL
TGA. 4BP. 310. KWLAD82Z

1 2 3 4 5 6 7 8

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

1 2 <https://www.mylconnector.com/> 4 5 <https://www.mylconnector.com/> 7 8