

I. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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: $\phi 8.1\text{mm}-\phi 9.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 3BP.318 18Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 6\text{m}\Omega$

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

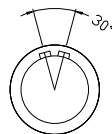
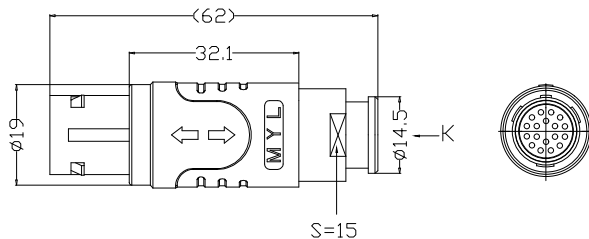
Other Shell Material/其它壳体材质: 铜电镀

Insulator material/绝缘体材料: PPS

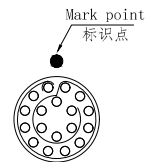
IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/发生变更	DATE/日期	DRAWN BY/绘图



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY:
绘图:PRO3 2024.05.28

CHECKED BY:
审核:Z01 2024.05.28

APPROVED BY:
核准:PRO3 2024.05.28

GENERAL TOLERANCE
(UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10^\circ \leq 20 \pm 0.15$
 $< 20^\circ \leq 50 \pm 0.3$
Angle $\pm 1^\circ$



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



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1

名称
PART NAME

TG-3BP直式插头(不带护套式尾帽)
TG-3BP Straight Plug
(without jacketed tail cap)

REV/版本 A1

型号
PART NAME

TGA. 3BP. 318. KWLAD92Z