

### 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

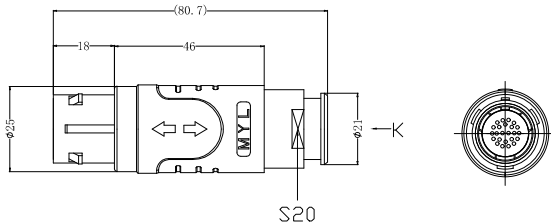
### Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆:  $\phi 5.1\text{mm}-\phi 6.0\text{mm}$



### 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:  $5000\text{M}\Omega$  (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

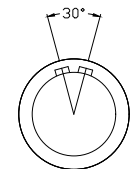
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜镀镍

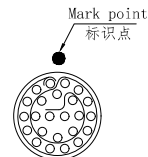
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级 : IP50

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



Plug front view  
插头前视图



view K  
K向孔位排列

REV/版本	DESCRIPTION/更改内容	DATE/日期	DRAWN BY/制图

DRAWN BY:  
绘图: PD03 2024. 05. 28  
CHECKED BY:  
审核: Z01 2024. 05. 28  
APPROVED BY:  
核准: PD05 2024. 05. 28

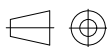
GENERAL TOLERANCE  
(UNLESS SPECIFIED)

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



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FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1:1

名称  
PART NAME

型号  
PART NAME

REV/版本  
A1

SHEET: 1 OF 1

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

TGG. 4BP. 324. KWKAD62Z