

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:  $\phi$ 6.1mm- $\phi$ 7.0mm

2. 电气性能

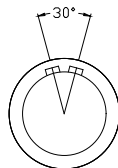
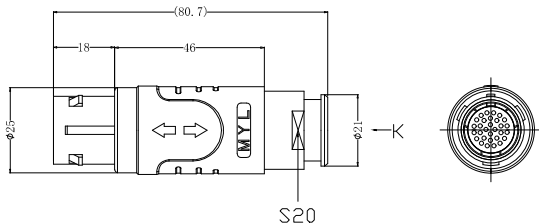
Insert Configuration/针芯配置: 4BP. 330 30Low Voltage  
 Pin Size/接触件直径:  $\phi$ 0.9mm  
 Contact resistance接触电阻:  $\leq$ 9m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐压: 950V(AC)  
 Rated working current额定工作电流: 5.0A

Other Specification/其它规格:

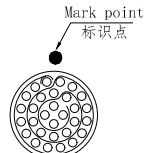
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级 : IP50

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

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



Plug front view  
插头前视图



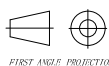
view K  
K向孔位排列

DRAWN BY: 绘图: 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)	<p>≤10 ±0.1</p> <p>&lt;10 ~ ≤20 ±0.15</p> <p>&lt;20 ~ ≤50 ±0.3</p> <p>Angle ±1°</p>
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FIRST ANGLE PROJECTION

UNIT: mm	名称	TG-4BP直式插头(带护套式尾帽)
比例 SCALE: 1:1	PART NAME	TG-4BP Straight Plug (with jacketed tail cap)
SIZE: M	型号	TGG. 4BP. 330. KWLAD7Z
REV/版本	A1	SHEET: 1 OF 1

REV/版本	A1	SHEET: 1 OF 1
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