

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

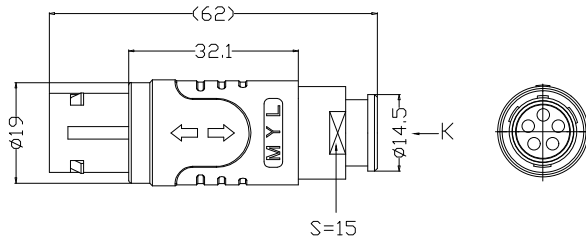
Mechanical data/机械特性:

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: 3BP. 305 5Low 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: 5000 Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1900V(AC)

Rated working current额定工作电流: 19.0A

Other Specification/其它规格:

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

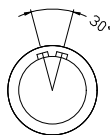
Housing Material/外壳材质 : PEEK

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

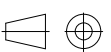


view K
K向孔位排列

DRAWN BY: 绘图: P003	2024.05.28	
CHECKED BY: 审核: Z01	2024.05.28	
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GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^\circ \leq 20 \pm 0.15$ $< 20^\circ \leq 30 \pm 0.3$ Angle $\pm 1^\circ$	 FIRST ANGLE PROJECTION	单位 UNITS: mm	名称	TG-3BP直式插头(带护套式尾帽)
		比例 SCALE: 1: 1	PART NAME	TG-3BP Straight Plug (with jacketed tail cap)
		尺寸 SIZE: A4	型号 PART NAME	TGA. 3BP. 305. KWLAD82Z
REV/版本	A1	SHEET: 1 OF 1		



FIRST ANGLE PROJECTION

REV/版本 A1 SHEET: 1 OF 1

1

2

3

4

5

6

7

8

A

A

B

B

C

C

D

D

1

2

4

5

7

7

8