

1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°C

A 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:  $\phi 2.4\text{mm}$ - $\phi 3.3\text{mm}$

B 2. 电气性能

Insert Configuration/针芯配置: 0BP.310 10Low Voltage

Pin Size/接触件直径:  $\phi 0.5\text{mm}$

Contact resistance接触电阻:  $\leq 15\text{m}\Omega$

Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 600V(AC)

Rated working current额定工作电流: 2.0A

C 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

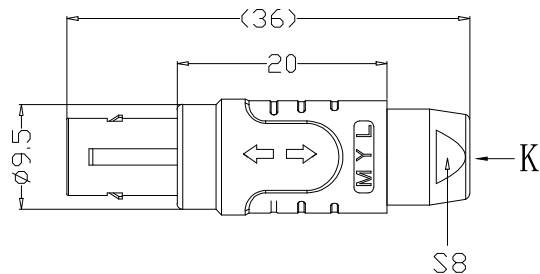
Other Shell Material/其它壳体材质: 铜镀镍

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.

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

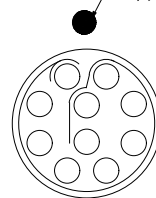


定位销: 1/Key

S8

Mark point

标识点



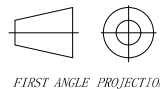
view K  
K向孔位排列

DRAWN BY:  
绘图: PD03 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
核准: PD05 2024.05.28



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



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1: 1

SIZE: A4

REV/版本 A1 SHEET: 1 OF 1

名称

PART NAME

型号

PART NAME

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

TGG. OBP. 310. KWKAD35