

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图
A2	更正尾帽部位尺寸	2022.06.22	PD03

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 :  $-55^{\circ}\text{C} \sim 200^{\circ}\text{C}$   
Humidity(max)/最大潮湿 :  $\leq 95\%$  [at 60 deg C / 140 F]  
Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)  
Salt Spray Corrosion/盐雾 : 96hr  
P op (max)/最大环境压力 : 60 bar (870 psi)

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+

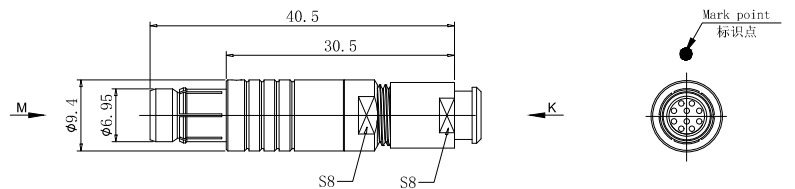
2. 电气性能

Insert Configuration/针芯配置:0F.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:5000M $\Omega$  (测试电压500V(DC))  
Withstand voltage/耐电压:500V(AC)  
Rated working current额定工作电流:2.0A  
Cable/配接电缆: $\phi 2.1\text{mm} - \phi 3.0\text{mm}$

Other Specification/其它规格:

Contact PIN/接触体 :Gold-Tin bronze plating/锡青铜镀金  
Housing Material/外壳材质 :black chrome plated brass/黄铜镀黑铬  
Other metal spare parts/其余金属件 : nickel plated brass/黄铜镀镍  
Insulator material/绝缘材料: PPS  
IP Rating/防护等级 :IP68(尾部密封防护处理)

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

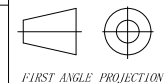


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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^{\circ} \leq 20 \pm 0.15$   
 $< 20^{\circ} \leq 50 \pm 0.3$   
AngIe  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1: 1  
SIZE: A4  
SHEET: 1 OF 1

名称  
PART NAME  
型号  
PART NAME

TGA-0F直式插头(带护套式尾帽)  
TGA-0F Straight Plug  
(with jacketed tail cap)  
TGA. 0F. 310. KLAD32Z