

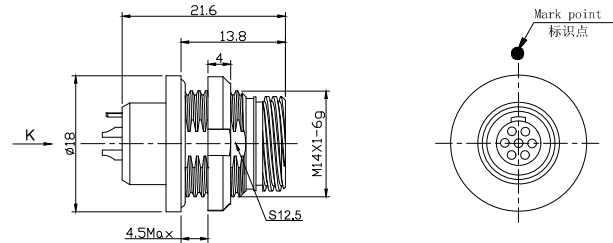
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~125°C  
 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  
 P op (max)/最大环境压力 : 60 bar (870 psi)

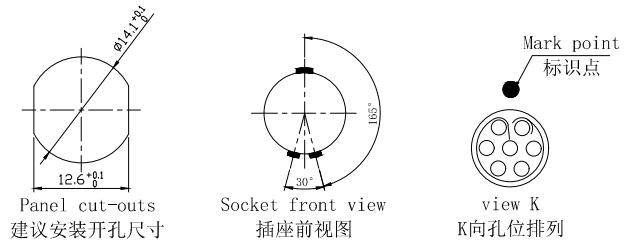
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 300g[3ms]  
 Endurance (Shell)/机械寿命 : 2000次



2. 电气性能

Insert Configuration/针芯配置: 1M. 307 7Low Voltage  
 Pin Size/接触件直径:  $\varnothing 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 875V(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 : Gun color plated aluminium /铝合金镀枪色  
 Other metal spare parts/其余金属件 : Nickel plated brass/铜镀镍  
 Glue filling type/灌胶类型: White silica gel/白色硅胶  
 Insulator material/绝缘材料: PPS  
 IP Rating/防护等级 : IP68(头座配合)

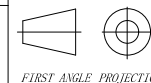
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

DRAWN BY:  
绘图: PDO3 2024. 05. 28  
 CHECKED BY:  
审核: Z01 2024. 05. 28  
 APPROVED BY:  
核准: PDO5 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  $\pm 1^\circ$



REV/版本 A1

单位  
UNIT: mm  
 比例  
SCALE: 1: 1  
 型号  
SIZE: A4

名称  
PART NAME  
 型号  
PART NAME

ZGA-1M固定式插座  
 ZGA-1M Fixed socket  
 ZGA. 1M. 307. XLL