

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

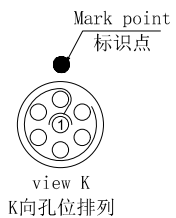
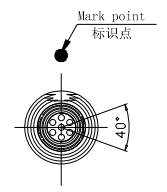
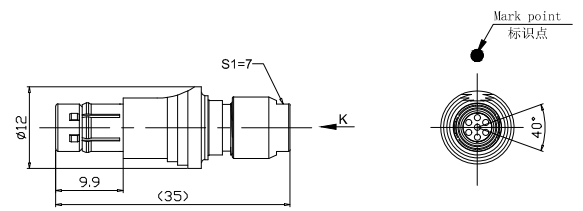
1. Product main performance/产品主要性能指标:
 Operating Temperature/工作温度 : -55°C~200°C
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)
 Salt Spray Corrosion/盐雾 : 96hr
 P op (max)/最大环境压力 : 60 bar (870 psi)

Mechanical data/机械特性:
 Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+

2. 电气性能
 Insert Configuration/针芯配置:0U.307 7Low Voltage
 Pin Size/接触件直径:φ0.5mm
 Contact resistance接触电阻:≤15mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:500V(AC)
 Rated working current额定工作电流:2.5A
 Cable/配接电缆:φ4.1mm-φ5.0mm

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(插合状态)
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



A

A

B

B

C

C

D

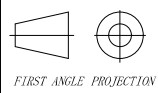
D

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)
 ≤10 ±0.1
 <10° ≤20 ±0.15
 <20° ≤50 ±0.3
 Angle ±1°



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	TGA-0U直式插头(不带护套式尾帽) TGA-0U Straight Plug (without jacketed tail cap)
比例 SCALE: 1:1	型号 PART NAME	TGA.0U.307.KLAD52
SIZE: A4	SHEET: 1 OF 1	