

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: Ø8.1mm-Ø9.0mm

2. 电气性能

Insert Configuration/针芯配置:2BP.312 12Low Voltage
 Pin Size/接触件直径:Ø0.7mm
 Contact resistance接触电阻:≤12.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:1250V(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 : 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.

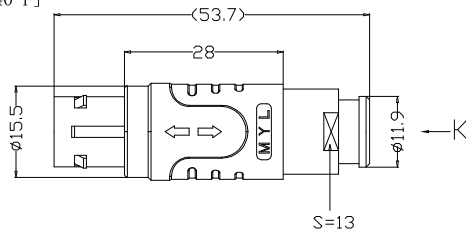
REV/版本	DESCRIPTION/更改内容	DATE/日期	DRAWN BY/制图

A

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定位销: 1/Key

Mark point
标识点



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A

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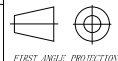
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DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 ≤10 ±0.1
 <10° ≤20 ±0.15
 >20° ≤50 ±0.3
 Angle ±1°



单位
UNIT: mm
 比例
SCALE: 1:1
 名称
NAME: A4

名称
PART NAME

TG-2BP直式插头(带护套式尾端)
 TG-2BP Straight Plug
 (with jacketed tail cap)

REV/版本

A1

SIZE: 1 OF 1

型号
PART NAME

TGG. 2BP. 312. KWKAD92Z