

# 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.305 5Low Voltage

Pin Size/接触件直径: Ø1.3mm

Contact resistance接触电阻: ≤5mΩ

Insulation resistance/绝缘电阻: 5000MΩ (测试电压500V(DC))

Withstand voltage/耐电压: 1750V(AC)

Rated working current额定工作电流: 14.0A

## 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

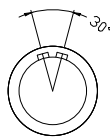
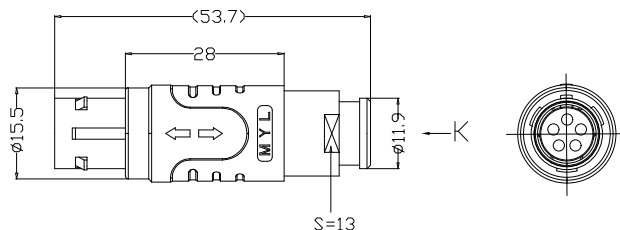
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PPS

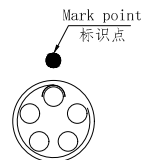
IP Rating/防护等级 : IP50

\*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



Plug front view  
插头前视图

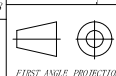


view K  
K向孔位排列

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P006	2024.05.28
GENERAL TOLERANCE (UNLESS SPECIFIED)	
≤10 ±0.1	
<10° ≤20 ±0.15	
<20° ≤50 ±0.3	
Angle ±1°	



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FIRST ANGLE PROJECTION

单位 UNT: mm	名称 PART NAME	TG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
比例 SCALE: 1:1	型号 PART NAME	TGA. 2BP. 305. KWLAD92Z
SIZE: A	SHEET: 1 OF 1	

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<https://www.myconnector.com/>

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<https://www.myconnector.com/>

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