

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃

A 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

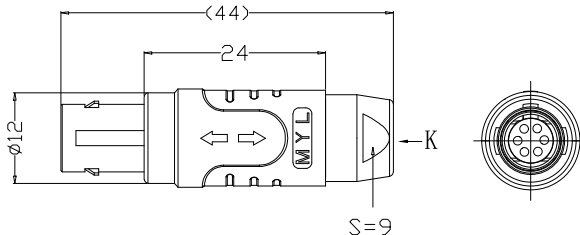
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: Ø4.4mm-Ø5.3mm



B 2. 电气性能

Insert Configuration/针芯配置:1BP.306 6Low 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:1050V(AC)

Rated working current额定工作电流:7.0A

C Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

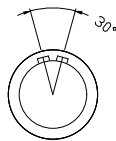
Housing Material/外壳材质 : PEEK

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.



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: 批准: P005	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

REV/版本 A1

单位 UNT: mm	名称	TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap)
比例 SCALE: 1: 1	PART NAME	
SIZE: A4	型号	TGA.1BP.306.KWKAD58
SHEET: 1 OF 1	PART NAME	