

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: Ø9.1mm-Ø10.0mm

2. 电气性能

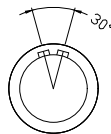
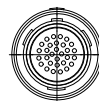
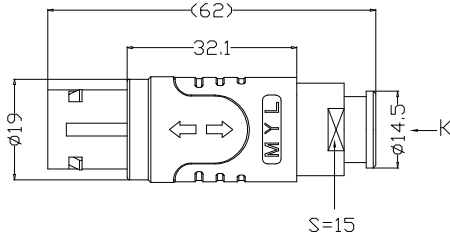
Insert Configuration/针芯配置:3BP.330 30Low Voltage
 Pin Size/接触件直径:Ø0.7mm
 Contact resistance接触电阻:≤4.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:800V(AC)
 Rated working current额定工作电流:3.5A

Other Specification/其它规格:

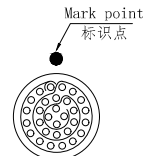
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镍镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/制图



Plug front view
插头前视图



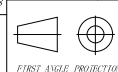
view K
K向孔位排列

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: 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°



REV/版本	A1
SHEET/页	1 OF 1

单位 UNTT: mm	名称
比例 SCALE: 1: 1	PART NAME
型号	TGA. 3BP. 330. KWKAD102Z

TC-3BP直式插头(不带护套式尾帽)
 TC-3BP Straight Plug
 (without jacketed tail cap)