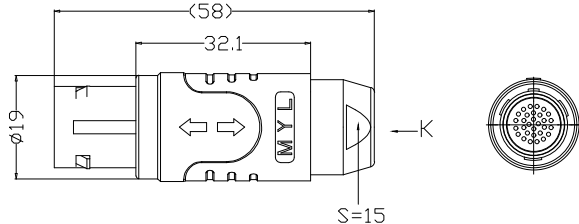


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$
 Humidity(max)/最大潮湿 : $\leq 95\%$ [at $60\text{ deg C} / 140\text{ F}$]
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)
 Salt Spray Corrosion/盐雾 : 96hr

Mechanical data/机械特性:

Vibration/振动 : $15\text{g}[10\text{Hz}\sim 2000\text{Hz}]$
 Shock Resistance/冲击 : $100\text{g}[6\text{ms}]$
 Endurance (Shell)/机械寿命 : 5000+
 Cable/配接电缆: $\phi 9.1\text{mm}-\phi 10.0\text{mm}$



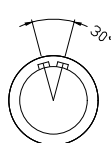
2. 电气性能

Insert Configuration/针芯配置: 3BP. 330 30Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 4.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (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

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

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE (UNLESS SPECIFIED)		单位 UNIT: mm 比例 SCALE: 1:1 SIZE: A4	名称 PART NAME TG-3BP 直式插头 (不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)
$\leq 10 \pm 0.1$	FIRST ANGLE PROJECTION	SHEET: 1 OF 1	型号 PART NAME
$10 < \leq 20 \pm 0.15$			TGA. 3BP. 330. KWKAD102
$20 < \leq 50 \pm 0.3$			
Angle $\pm 1^{\circ}$			

REV/版本	A1
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