

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: $\phi 10.1\text{mm}-\phi 11.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置:3BP.316 16Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 6\text{m}\Omega$

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

Withstand voltage/耐电压:1200V(AC)

Rated working current额定工作电流:8.0A

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

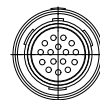
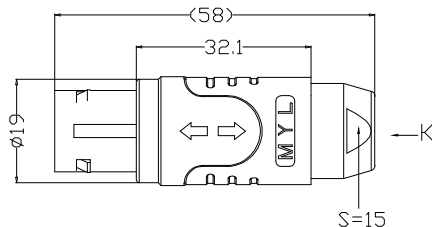
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PPS

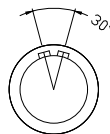
IP Rating/防护等级 : IP50

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

| | | | |
|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION/描述内容 | DATE/日期 | DRAWN BY/绘图 |
| | | | |



S=15



Plug front view
插头前视图

Mark point
标识点



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 |



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

| | |
|---|---------------|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤ 10 | ± 0.1 |
| $< 10 \sim \leq 20$ | ± 0.15 |
| $< 20 \sim \leq 50$ | ± 0.3 |
| Anglo | $\pm 1^\circ$ |



| | |
|--------|----|
| REV/版本 | A1 |
|--------|----|

| | |
|--------------|------|
| 单位 UNIT: | mm |
| 比例 SCALE: | 1: 1 |

SIZE: A4

SHEET: 1 OF 1

| | |
|-----------------|--|
| 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) |
| 型号 PART NAME | TGA. 3BP. 316. KWLAD112 |

1 2 3 4 5 6 7 8

A

B

C

D

1 2 https://www.mylconnector.com/ 4 5 https://www.mylconnector.com/ 7 8