

### 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:  $<=95\%$  [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:  $\phi 10.1\text{mm}\sim\phi 11.0\text{mm}$

### 2. 电气性能

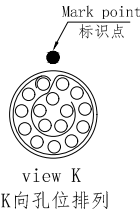
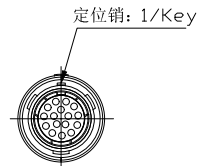
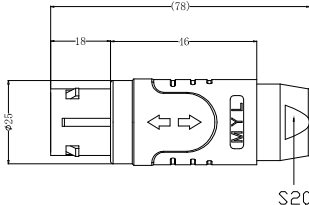
Insert Configuration/针芯配置: 4BP. 316 16Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 4\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1350V(AC)  
 Rated working current额定工作电流: 10.0A

### 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: 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/更改内容	DATE/日期	DRAWN BY/绘图

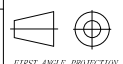


DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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

GENERAL TOLERANCE (UNLESS SPECIFIED)	≤10 ±0.1 <10 ~ ≤20 ±0.15 <20 ~ ≤50 ±0.3 Angle ±1°
---	--



FIRST ANGLE PROJECTION

单位  
(UNIT): mm  
 比例  
(SCALE): 1:1

名称

PART NAME

型号

PART NAME

TG-4BP直式插头(不带护套式尾帽)  
 TG-4BP Straight Plug  
 (without jacketed tail cap)

TGG. 4BP. 316. KWKAD112

REV/版本	A1
--------	----

SHEET: 1 OF 1