

### 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:  $\phi$ 14.1mm- $\phi$ 15.0mm

### 2. 电气性能

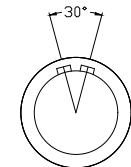
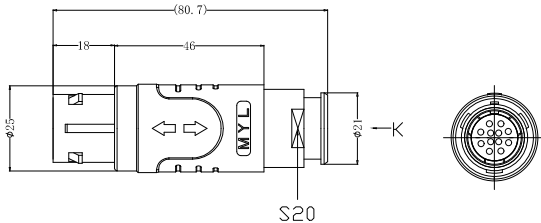
Insert Configuration/针芯配置: 4BP. 312 12Low Voltage  
 Pin Size/接触件直径:  $\phi$ 1.3mm  
 Contact resistance接触电阻:  $\leq$ 4m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1450V(AC)  
 Rated working current额定工作电流: 12.0A

### Other Specification/其它规格:

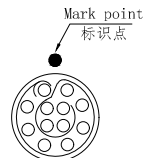
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50

\*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



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: P003	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)	
$\leq$ 10	$\pm$ 0.1
<10 ~ $\leq$ 20	$\pm$ 0.15
<20 ~ $\leq$ 50	$\pm$ 0.3
Angle	$\pm$ 1°

	单位 UNIT: mm
	比例 SCALE: 1: 1
	名称 PART NAME
	型号 PART NAME
REV/版本	AI
	SHEET: 1 OF 1

名称 PART NAME	TC-4BP直式插头(带护套式尾帽) TC-4BP Straight Plug (with jacketed tail cap)
型号 PART NAME	TGA. 4BP. 312. KWKAD152Z