

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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding / 屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion / 盐雾: 96hr

Mechanical data / 机械特性:

Vibration / 振动: 15g [10Hz~2000Hz]  
 Shock Resistance / 冲击: 100g [6ms]  
 Endurance (Shell) / 机械寿命: 5000+  
 Cable / 配接电缆:  $\phi 3.4\text{mm} - \phi 4.3\text{mm}$

2. 电气性能

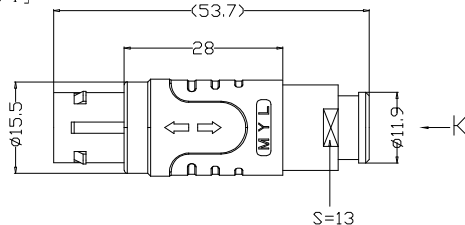
Insert Configuration / 针芯配置: 2BP. 307 7Low Voltage  
 Pin Size / 接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance / 绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage / 耐电压: 1750V (AC)  
 Rated working current / 额定工作电流: 11.0A

Other Specification / 其它规格:

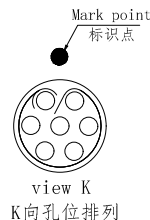
Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金  
 Housing Material / 外壳材质: PEEK  
 Other Shell Material / 其它壳体材质: 铜镀镍  
 Insulator material / 绝缘体材料: PPS  
 IP Rating / 防护等级: IP50

\*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



定位销: 1/Key



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)		FIRST ANGLE PROJECTION		名称 PART NAME	TG-2BP 直式插头 (带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
$\leq 10$	$\pm 0.1$		比例 SCALE: 1: 1	型号 PART NAME	TGG. 2BP. 307. KWLAD45Z
$< 10^{\circ} \leq 20$	$\pm 0.15$		SIZE: A4		
$< 20^{\circ} \leq 50$	$\pm 0.3$		REV/版本 A1		
Angle	$\pm 1^{\circ}$		SHEET: 1 OF 1		