

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: $\phi 3.1\text{mm} - \phi 4.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 332 32Low Voltage

Pin Size/接触件直径: $\phi 0.5\text{mm}$

Contact resistance接触电阻: $\leq 15\text{m}\Omega$

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

Withstand voltage/耐电压: 800V(AC)

Rated working current额定工作电流: 1.5A

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

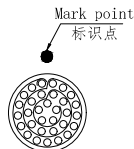
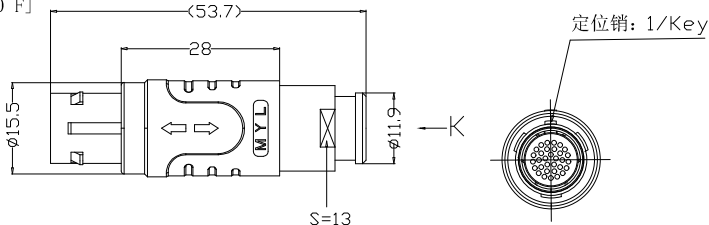
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PPS

IP Rating/防护等级: IP50

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



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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.	
	单位 UNIT: mm	名称 PART NAME:

GENERAL TOLERANCE (UNLESS SPECIFIED)	
≤ 10	± 0.1
$< 10^{\circ} \sim 20^{\circ}$	± 0.15
$< 20^{\circ} \sim 50^{\circ}$	± 0.3
Angle	$\pm 1^{\circ}$

FIRST ANGLE PROJECTION	比例 SCALE: 1: 1	型号 PART NAME:
	SIZE: A4	TGG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
REV/版本 A1	SHEET: 1 OF 1	型号 TGG-2BP. 332. KWLAD42Z