

1. Product main performance / 产品主要性能指标:

Operating Temperature / 工作温度 : -55°C ~ 150°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 : $\phi 14.5\text{mm} - \phi 15.4\text{mm}$

2. 电气性能

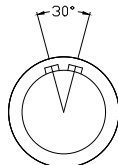
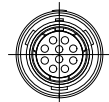
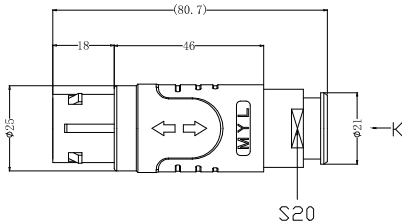
Insert Configuration / 针芯配置 : 4BP, 310 10Low Voltage
 Pin Size / 接触件直径 : $\phi 1.6\text{mm}$
 Contact resistance / 接触电阻 : $\leq 4\text{m}\Omega$
 Insulation resistance / 绝缘电阻 : 5000M Ω (测试电压 500V (DC))
 Withstand voltage / 耐压 : 1850V (AC)
 Rated working current / 额定工作电流 : 17.0A

Other Specification / 其它规格:

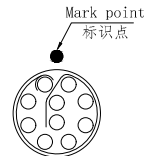
Contact PIN / 接触体 : Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质 : PEEK
 Other Shell Material / 其它壳体材质 : 铜镀镍
 Insulator material / 绝缘体材料 : PEEK
 IP Rating / 防护等级 : IP50

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

REV/版本	DESCRIPTION/变更内容	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: P005 2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)		FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME:	TG-4BP直式插头(带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)
≤ 10	± 0.1		比例 SCALE: 1: 1	型号 PART NAME:	
$< 10^\circ \leq 20^\circ$	± 0.15	SIZE: A4	SHEET: 1 OF 1	TGA. 4BP. 310. KWKAD156Z	
$< 20^\circ \leq 50^\circ$	± 0.3	REV/版本 A1			
Angle	$\pm 1^\circ$				