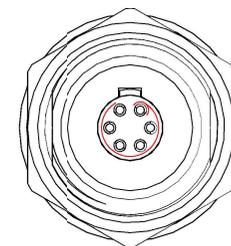
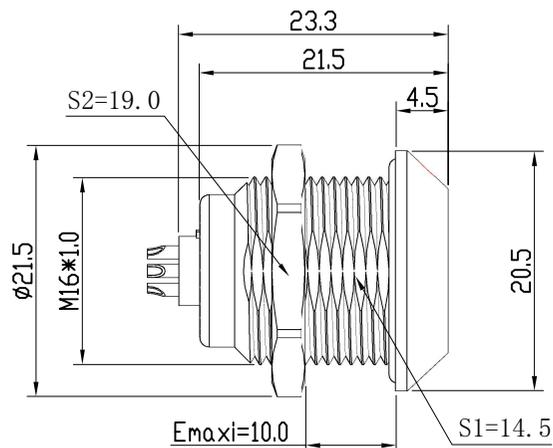


1) Product main performance/产品主要性能指标

- Endurance (Shell)/壳体拔插次数: 5000
- Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim +200^{\circ}\text{C}$
- Humidity(max)/最大潮湿: $\leq 95\%$ [at 60 deg C / 140 F]
- Vibration/振动: 15 g [10 Hz - 2000 Hz]
- Shock Resistance/冲击: 100 g [6 ms]
- Salt Spray Corrosion/盐雾: >144 hr
- Shielding (min)/屏蔽性能: 75 dB (10 MHz)
- Shielding(min)/屏蔽性能: 40 dB (1 GHz)
- P op(max)/最大环境压力: 60 bar (870 psi)

OTHER CHARACTERISTICS /其他性能

- Housing Material/壳体材料: 外壳体为铜合金, 表面镀铬镍
- Insulator/绝缘体材料: PPS
- Contact PIN/接触针芯: Gold plated Tin bronze/锡青铜镀金
- IP rating(when mated)/防水等级(插合时): IP68

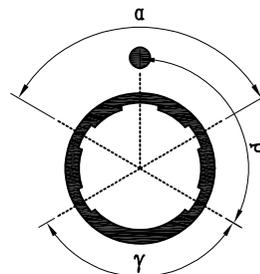
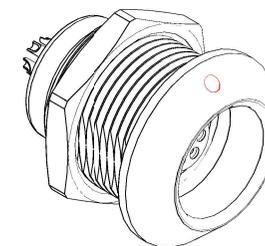
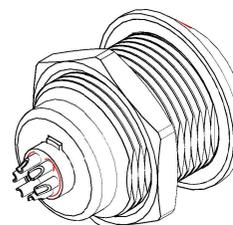


2) Part Nummbering System/产品编号原则

Z G . 1 K . 3 0 6 . C L L

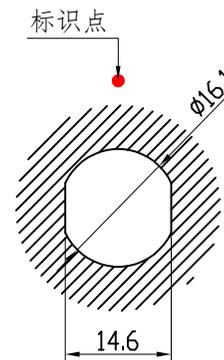
- Houing model
主型号
- Alignment key
定位销(键位)
- Series/系列
- Insert Configuration
针芯配置
- Housing materia
外壳材质

- Contact type
针芯类型
- Insulator material
绝缘体材质



Alignment key
定位销(键位)
插座前视图

键位	键位数量	角度
G	1	0°
A	2	α
B	2	
C	2	45°
D	2	γ
E	2	β
F	2	120°
J	2	145°
		γ
		75°



标识点
建议开孔尺寸

Insert Configuration 针芯配置	310	312	314	316	406
Pin Number(View N) 针芯排列N向					
Pin Size 接触体直径 (mm)	0.5	0.5	0.5	0.5	0.9*4 0.5*2
Withstand voltage 耐电压 (KV) (AC)	900	800	800	800	1000
Rated Current 额定电流 (A)	2.5	2	2	1.5	10*4 2*2
Insulation resistance 绝缘电阻 (MΩ)	$\geq 5000\text{M}\Omega$				
R(max) 接触电阻 (mΩ)	10	10	10	10	10

TOLERANCES UNLESS OTHERWISE SPECIFIED:
Unmarked dimensional tolerances: ± 0.1
unmarked angular tolerances: $\pm 0.2^{\circ}$
除非特别说明:
未标注尺寸公差: ± 0.1
未标注角度公差: $\pm 0.2^{\circ}$

名称 PART NAME	1K-ZG Socket (10~16)		
图号 DRAWING NO.			
设计 DESIGNED	校对 CHECKED	审核 APPROVED	
LTB	PWZ	YJ	

重量 QUALITY	单位 UNIT	比例 SCALE	标记 MARKING
	mm	1: 1	

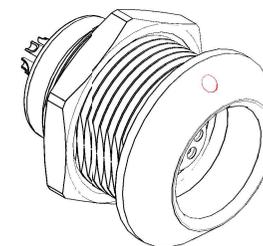
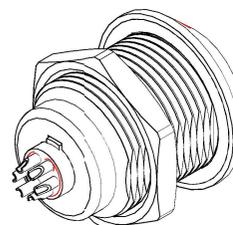
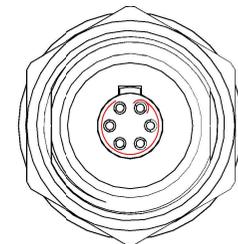
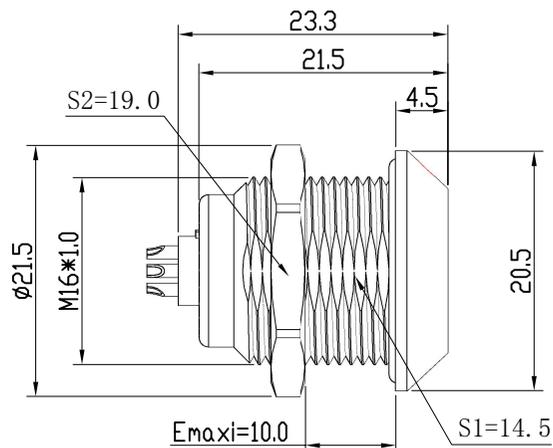
CAZN 正成

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2) Part Nummbering System/ 产品编号原则

Z G . 1 K . 3 0 6 . C L L

Houing model
主型号

Alignment key
定位销 (键位)

Series/系列

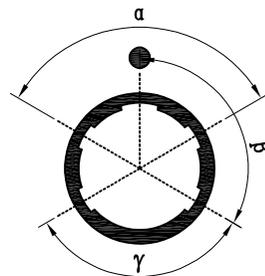
Insert Configuration
针芯配置

Housing materia
外壳材质

Contact type
针芯类型

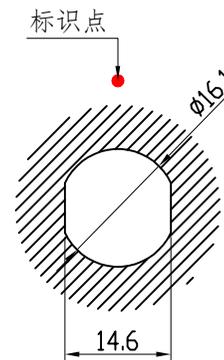
Insulator material
绝缘体材质

Insert Cofiguration 针芯配置	310	312	314	316	406
Pin Number(View N) 针芯排列N向					
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Insulation resistance 绝缘电阻 (MΩ)	$\geq 5000\text{M}\Omega$				
R (max) 接触电阻 (mΩ)	10	10	10	10	10



Alignment key
定位销 (键位)
插座前视图

键位	键位数量	角度
G	1	0°
A	2	α
B	2	
C	2	45°
D	2	γ
E	2	
F	2	95°
J	2	β
		145°
		75°



标识点
建议开孔尺寸

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未标注角度公差: $\pm 0.2^{\circ}$

名称
PART NAME
1K-ZG Socket
(10~16)

图号
DRAWING NO.

设计
DESIGNED
LTB

校对
CHECKED
PWZ

审核
APPROVED
YJ

重量
QUALITY
单位
UNIT
比例
SCALE
标记
MARKING

mm
1: 1
CAZN 正成