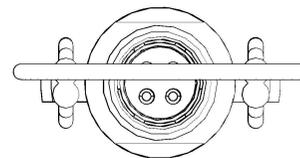
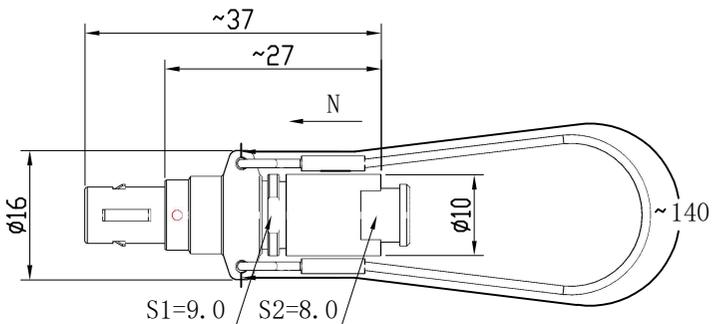


1) Product main performance/产品主要性能指标

- 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

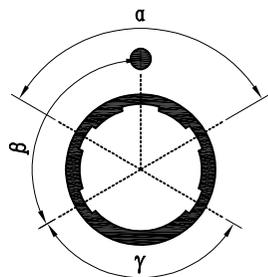
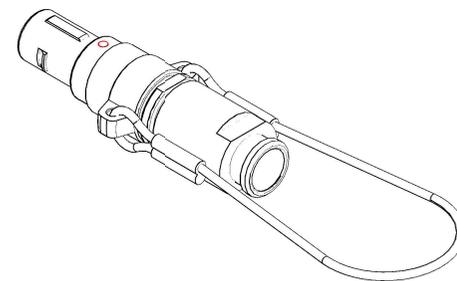
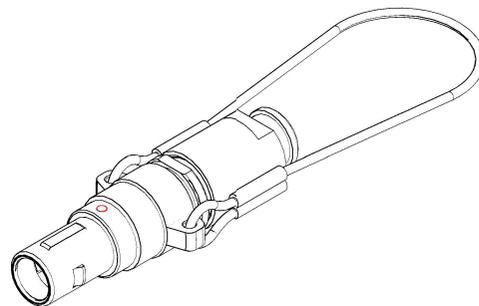
- Housing Material/壳体材料: 外壳为铜合金, 表面镀铬镍
- Insulator/绝缘体材料: PPS
- Contact PIN/接触针芯: Gold plated Tin bronze/锡青铜镀金
- IP Rating/防水等级: IP50

2) Part Numbering System/产品编号原则

T N G . 0 B . 3 0 4 . C L A D 5 2 Z

- Housing 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

- Variant
变量参数
- Cable OD
电缆直径
- Collet type
线缆夹类型
- Contact type
针芯类型
- Insulator material
绝缘体材质



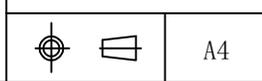
插头前视面视图

键位	键位数量	角度	
G	1	0°	
A	2	α	
B	2		30°
C	2		60°
D	2	β	
E	2		90°
F	2		135°
J	2	γ	
K	2		145°
		155°	
		45°	
		70°	

Cable OD 电缆直径 (mm)	Cable diameter 适配电缆直径 (mm)	
	Min	Maxi
3.2	2.2	3.1
4.2	3.2	4.1
5.2	4.2	5.1
5.5	5.2	5.5

Insert Configuration 针芯配置	302	303	304	305	306	307	309
Pin Number (View N) 针芯排列N向							
Pin Size 接触体直径 (mm)	0.9	0.9	0.7	0.7	0.5	0.5	0.5
Withstand voltage 耐电压 (KV) (AC)	1000	1000	800	800	700	700	650
Rated Current 额定电流 (A)	7.0	7.0	5.0	5.0	2.5	2.0	2.0
Insulation resistance 绝缘电阻 (MΩ)	$\geq 5000\text{M}\Omega$						
R(max) 接触电阻 (MΩ)	6	6	7.5	7.5	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	OB-TN Plug	
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			