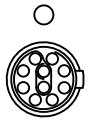
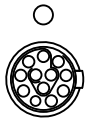
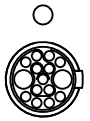
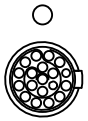
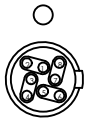
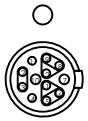
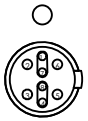
Insert Cofiguration 针芯配置	310	312	415	319	Insert Cofiguration 针芯配置	051	052	054
Pin Number(View N) 公针芯排列(焊接面视图)					Pin Number(View N) 针芯排列N向			
Pin Size 接触体直径（mm)	0.7	0.7	2*1.3 13*0.5	0.5	接口类型	千兆网	电源 +USB3.0	2路USB
Withstand voltage 耐电压(V)(AC)	1000	1000	800	800	Pin Size 接触体直径（mm)	0.7	2*0.7 10*0.5	4*0.7 4*0.5
Rated Current 额定电流（A）	5.0	5.0	2*15 13*0.5	2A	差分传输速率	2.5Gbps	5Gbps	480Mbps
Insulation resistance 绝缘电阻（MΩ)	≥5000MΩ							
R(max) 接触电阻（mΩ)	7.5	7.5	10	10				

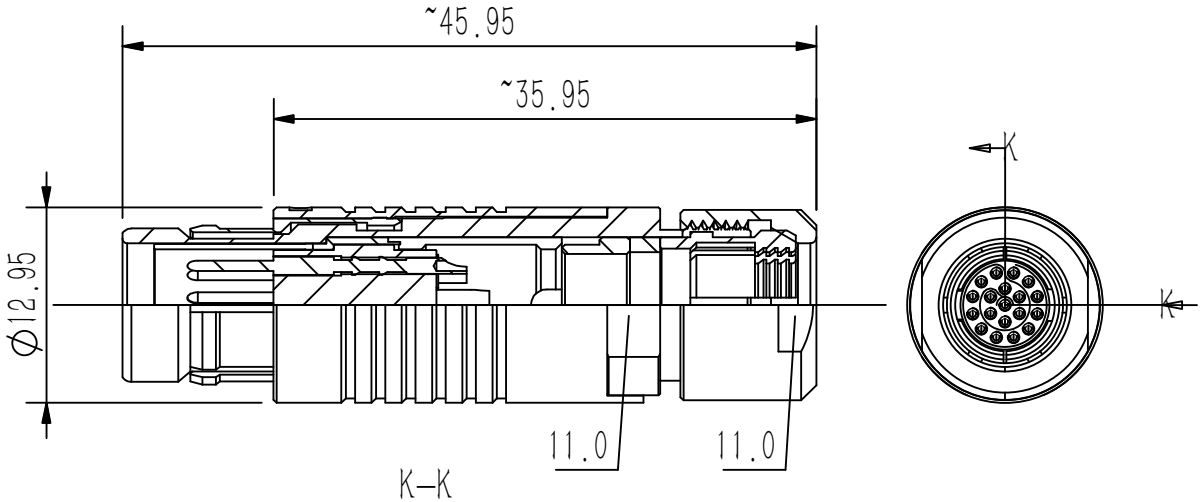
Cable OD 电缆夹	Cable diameter 适配电缆直径（mm)	
	大于等于	小于
52	4.2	5.2
62	5.2	6.2
72	6.2	7.2
82	7.2	8.2

(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° C~+170° C
Humidity(max)/最大潮湿:<=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

IP rating(when mated)/防水等级(插合时）:IP68



(2)Part Nunmbering System

TL 1. AF. 319. C L A C 82

- Houing model 主型号 (TD,TL,TP,MD,ZE,ME,MH.....)
- Alignment key 键位 (1,2,3 .....详见表二)
- Series 系列 (B,K,T,W,F,U,Y,C.....)
- Insert Configuration 针芯配置 (302, 305, 312.....详见表一)
- Housing materia外壳材质 (C:铜镀珍珠铬 K:铜镀黑铬)
- Cable OD 电缆夹直径 (32, 42, 52, 62.....详见表三)
- Collet type 线缆夹类型 (D, C)
- Contact type 针芯类型 (A:公针 L: 母孔 N:板接孔)
- Insulator material 绝缘体材质 (L:PPS T:PTFE)

GENERAL TOLERANCE (UNLESS SPECIFIED)	绘图 DWN	Y.Z 2026.05.06			CAZN® 正成
≤10 ±0.15 <10~≤20 ±0.25 <20~≤50 ±0.5 Angle ±1°	确认 CHK				
	核准 APVD			品名 TITLE	AF系列直式公针插头 定位销1,19芯,焊线式,适用于外径7.2~8.1mm电缆的C型线夹
视 角 THIRD ANGLE	单位 UNIT	MM	版本 REV A	品号 PART NO	C160105-00026
	尺寸 SIZE	A4	页码 SHEET 1 OF 1	型号 DRAWING NO	TL1.AF.319.CLAC82