

ECN	REV	DESCRIPTION	DATE	APPROVED

### 1) 2K系列推拉自锁连接器简介

2K series connectors provide the following main features:

- security of the Push-Pull latching system -multipole types 2 to 32 contacts
- solder, crimp or print(straight or elbow)contacts -high packing density for space savings
- multiple key options to avoid cross mating -keying system (<G>key standard)for connector alignment
- 360° screening for full EMC shielding
- rugged housing for extreme working conditions -watertight connection(IP67/IP66)

### 2) 技术特性/Technical Characteristics

使用环境/Environment: 室外/outdoor

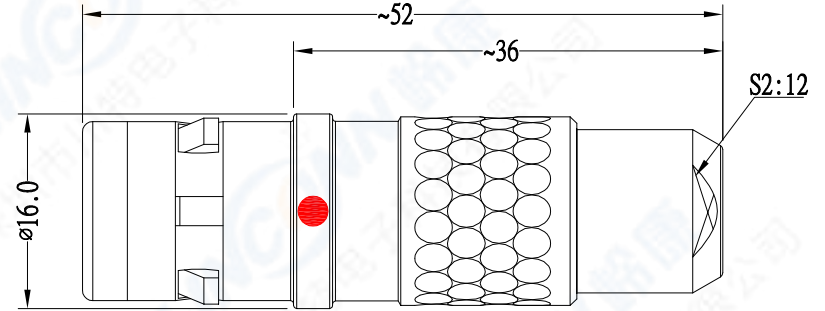
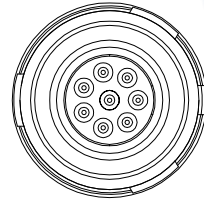
温度等级/Rated Temperature: -25°, +150°

寿命/Durability: >500 mate/unmate cycles

盐雾/Corrosion Resistance: Salt spray test>144h

防水等级/Protection index:IP67/IP66

Note:IP67 achieved providing that the cable is perfectly circular and that assembly process ensures a high integrity seal.



### 3) 编码原则/Part Number

插头/Plug TLTGG 2K 308 C L A C52

主型号/Key System (I)

针数/Pin Number (II)

外壳/Outer Shell

线夹/Collect (III)

焊接式/Sold Tpe

绝缘体/PPS Insulator

### 4) 编码说明/Part number example

定位销/Key System (I)

KEY LAYOUT	键位/Key Type	G	A	B	C	D	E	F	L
	键位/Key	1	2	2	2	2	2	2	2
	外壳型号/Type	TLTGG	TLTGA	TLTGB	TLTGC	TLTGD	TLTGE	TLTGF	TLTGL
	角度/Angle	0°	30°	45°	60°	95°	120°	145°	75°
		/	α			γ	β		γ

线夹护套/Collect (III)

线夹代号/code	42	52	62	72	82	92	102
线径/Cable OD	3.0-4.0	4.1-5.0	5.1-6.0	6.1-7.0	7.1-8.0	8.1-9.0	9.1-10
线夹/Collect Size	4.2mm	5.2mm	6.2mm	7.2mm	8.2mm	9.2mm	10.2mm

9	弹性垫圈/Gasket: 硅胶/Silicone rubber
8	接地锥/Earthing cone: 黄铜镀镍/Brass, Nickel plated
7	固定环/Retaining ring: 黄铜镀镍/Brass, Nickel plated
6	固定片/Insulator Carrier: 黄铜镀镍/Brass, Nickel plated
5	绝缘体/Insulator: PPS
4	公针芯/Pin: 黄铜镀金/Brass, Gold plated
3	锁定套筒/Latch Sleeve: 铜镀镍/copper, Nickel plated
2	外壳/Outer Shell: 黄铜镀铬/Brass, Chrome plated
1	内壳/Inner Shell: 黄铜镀镍/Brass, Nickel plated

针数/Pin Number (II)

系列/Series	302	303	304	305	306	307	308	310	312
孔位排列/Pin Number									
导体直径/Pin size	2.0mm	1.6mm	1.3mm	1.3mm	1.3mm	1.3mm	0.9mm	0.9mm	0.7mm
适配线缆/Conductor size	14AWG	16AWG	20AWG	20AWG	20AWG	20AWG	22AWG	22AWG	22AWG
额定电流/Rated current	25A	17.0A	15.0A	14.0A	12.0A	11.0A	10.0A	8.0A	7.0A

系列/Series	314	316	318	319	326	332
孔位排列/Pin Number						
导体直径/Pin size	0.7mm	0.7mm	0.7mm	0.7mm	0.5mm	0.5mm
适配线缆/Conductor size	22AWG	22AWG	22AWG	22AWG	28AWG	28AWG
额定电流/Rated current	6.5A	6.0A	5.5A	5.0A	2.0A	1.5A

12	线夹/Collect: 黄铜镀镍/Brass, Nickel plated
11	尾螺帽/Collect Nut: 黄铜镀铬/Brass, Chrome plated
10	金属垫/Washer: 黄铜镀镍/Brass, Nickel plated

序号/ITEM	名称 & 规格/Name & DESCRIPTION	序号/ITEM	名称 & 规格/Name & DESCRIPTION

	SCALE	TOLERANCES ARE:	
	F	DECIMALES	ANGLES
SHEET	DIMENSION	APPROVALS	DATE
1 OF 2	MM	APPROVED:	
DWG NO.	REV.	CHECKED:	
TLTGG2K	A0	CHECKED:	
		DRAWN:	pengsen
			26/02/2020

TITLE:	插头/Plug	
PART NO.	TLTGG 2K 308 CLAC	REV. *
Linconn Elec Tech Co., LTD		