

1) Product main performance/产品主要性能指标：

Operating Temperature/工作温度：-55℃~200℃

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

P op (max)/最大环境压力：60 bar (870 psi)

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次

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：Chrome plated brass/铜镀珍珠铬

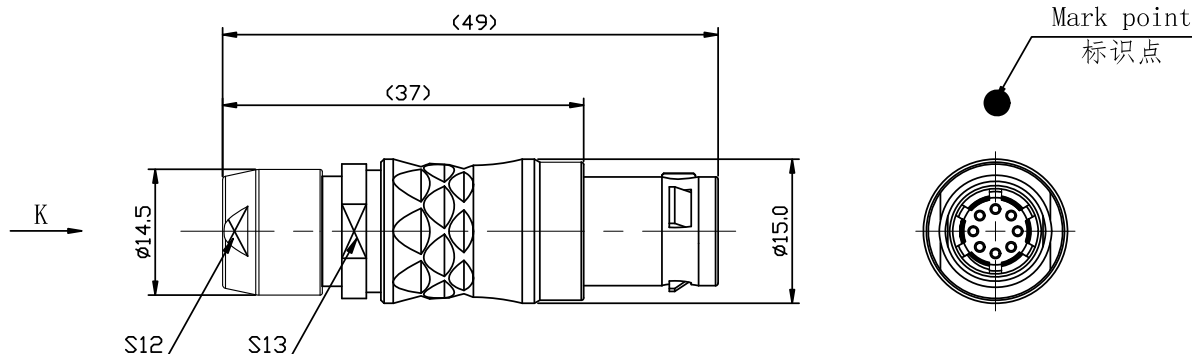
Other metal spare parts/其余金属件：Nickel plated brass/铜镀镍

Insulator material/绝缘材料：PPS

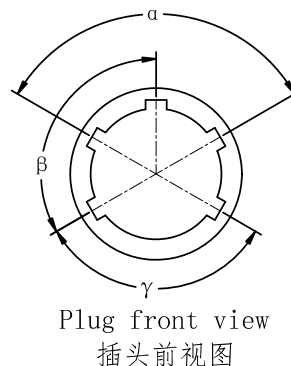
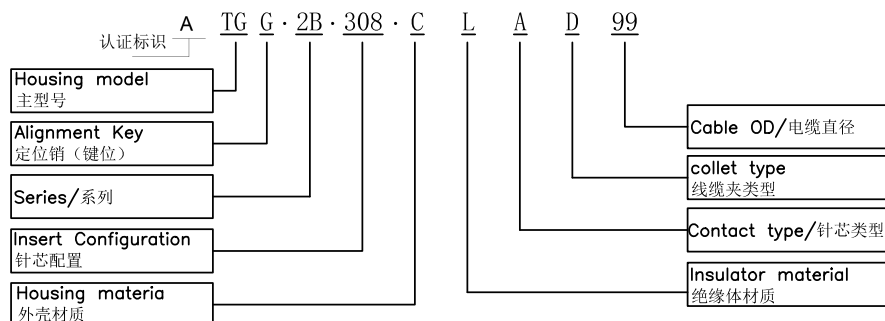
IP Rating/防护等级：IP50

*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
A2	新增9.9mm线夹	2021-11-01	Pd04
A3	尾帽扁位尺寸S13更改为S12	2022-11-18	Pd04



2) Part Numbering System/产品编码原则：



键位	键位数量	角 度
G	1	0°
A	2	30°
B	2	45°
C	2	60°
D	2	95°
E	2	120°
F	2	145°
J	2	37.5°

Cable OD/ 电缆夹直径 (mm)	Cable diameter/ 适配电缆直径 (mm)	
	Min	Maxi
4.2	3.1	4.0
4.5	3.4	4.3
5.2	4.1	5.0
6.2	5.1	6.0
7.2	6.1	7.0
8.2	7.1	8.0
9.2	8.1	9.0
9.9	8.8	9.7

Insert Configuration 针芯配置	302	303	304	305	306	307	308	310
Pin Number(View K) 针芯排列 (K向)								
Pin Size 接触体直径 (mm)	2.0	1.6	1.3	1.3	1.3	1.3	0.9	0.9
Withstand voltage 耐电压 (KV) (AC)	1.75	1.85	1.85	1.60	1.45	1.60	1.25	1.30
Rated Current 额定电流 (A)	30.0	17.0	15.0	14.0	12.0	11.0	10.0	8.0
Insulation resistance 绝缘电阻 (MΩ)	≥5000MΩ (测试电压500V (DC))							
R (max) 接触电阻 (mΩ)	≤2	≤3	≤5	≤5	≤5	≤5	≤9	≤9

TOLERANCES UNLESS OTHERWISE SPECIFIED: 未标注尺寸公差:±0.1 未标注角度公差:±0.5°	FIRST ANGLE PROJECTION	
	SIZE: A4	UNITS: mm
	SCALE: 1: 1	SHEET: 1 OF 1
DRAWN BY: 绘图: Pd04	DATE/日期: 2022-11-18	
CHECKED BY: 审核: Pd02	DATE/日期: 2022-11-18	
APPROVED BY: 核准: Pd02	DATE/日期: 2022-11-18	

Product name/产品名称	
2B-TG Plug 2B-TG直式插头(不带护套)	
1	
QM NO 料号	REV/ 版本
DRAWING NO 图号	A3
CUSTOMER NO 客户料号	
 Suzhou Bfiger Electronic Technology Co.,Ltd	

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Insulator material/绝缘材料：PPS

IP Rating/防护等级：IP50

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2) Part Numbering System/产品编码原则：

认证标识

TG G · 2B · 319 · C L A D 72

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

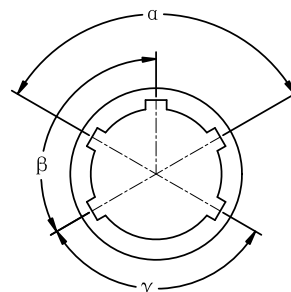
Cable OD/电缆直径

collet type

线缆夹类型

Contact type/针芯类型

绝缘体材质



Plug front view

插头前视图

键位	键位数量	角度
G	1	0°
A	2	30°
B	2	45°
C	2	60°
D	2	95°
E	2	120°
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J	2	37.5°

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7.2	6.1	7.0
8.2	7.1	8.0
9.2	8.1	9.0
9.9	8.8	9.7

Insert Configuration 针芯配置	312	314	316	318	319	326	332
Pin Number(View K) 针芯排列 (K向)							
Pin Size 接触体直径 (mm)	0.7	0.7	0.7	0.7	0.7	0.5	0.5
Withstand voltage 耐电压 (V) (AC)	875	875	875	875	750	750	750
Rated Current 额定电流 (A)	7.0	6.5	6.0	5.5	5.0	2.0	1.5
Insulation resistance 绝缘电阻 (MΩ)	≥5000MΩ (测试电压500V (DC))						
R (max) 接触电阻 (mΩ)	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5	≤15	≤15

TOLERANCES UNLESS OTHERWISE SPECIFIED: 未标注尺寸公差: ±0.1 未标注角度公差: ±0.5°	FIRST ANGLE PROJECTION	
	SIZE: A4	UNITS: mm
	SCALE: 1: 1	SHEET: 1 OF 1
DRAWN BY: 绘图:	Pd04	DATE/日期: 2022-11-18
CHECKED BY: 审核:	Pd02	DATE/日期: 2022-11-18
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Product name/产品名称	
2B-TG Plug	
2B-TG直式插头(不带护套)	
QM NO 料号	REV/ 版本
DRAWING NO 图号	A3
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