

1

2

3

4

5

6

Insert Cofiguration
针芯配置

302

303

304

305

306

307

308

310

312

314

316

406

Pin Number(View N)
母针芯排列(焊接面视图)

























Pin Size
接触体直径 (mm)

1.3

1.3

0.9

0.9

0.7

0.7

0.7

0.5

0.5

0.5

0.5

0.9*4
0.5*2

Withstand voltage
耐电压(V)(AC)

1500

1300

1300

1250

1050

950

950

900

800

800

800

1000

Rated Current
额定电流 (A)

15

12

10

9

7

7

5

2.5

2

2

1.5

10A*4
2A*2

Insulation resistance
绝缘电阻 (MΩ)

≥5000MΩ

R(max)
接触电阻 (mΩ)

5

5

6

6

7.5

7.5

7.5

10

10

10

10

10

α

β

γ

插座前视图

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

(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: $-55^{\circ}\text{C}\sim+170^{\circ}\text{C}$

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

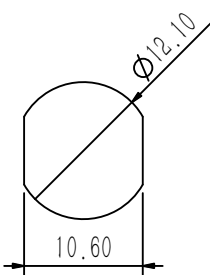
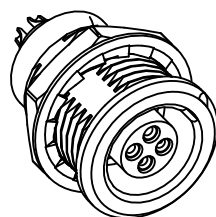
Housing Material/壳体材料: 外壳体为铜合金, 表面镀铬镍

Insulator/绝缘体材料:PPS

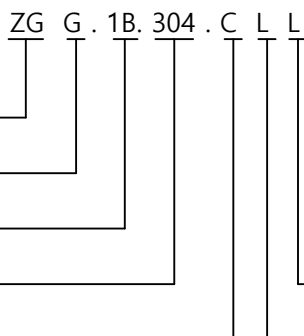
Contact PIN/接触针芯: Gold plated plated bronze/磷青铜镀金

IP rating(when mated)/防水等级(插合时): IP50

(2)Part Nunmbering System

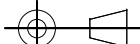


建议面板开孔尺寸



Housing model 主型号 (TG, TE, TP, ZG, ZE, ZC, DH, MG, ME)
Alignment key 键位 (G, A, B, C, J, L 详见表二)
Series 系列 (B, K, T, W, F, U)
Insert Configuration 针芯配置 (302, 305, 312..... 详见表一)
Housing materia 外壳材质 (C:铜镀珍珠绿 K:铜镀黑铬)

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 2026.04.21			 正成	
≤10 ±0.15	确认 CHK				品 名 TITLE	1B系列板前安装孔型插座 4芯 黄铜镀珍珠铬,焊线式
<10~≤20 ±0.25						
<20~≤50 ±0.5	核准 APVD				品 号 PART NO	C160201-00053
Angle ±1°						
 视 角 THIRD ANGLE	单位 UNIT	MM	版本 REV	A	型号 DRAWING NO	ZGG. 1B. 304. CLL
	尺寸 SIZE	A4	页码 SHEET	1 OF 1		