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(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)

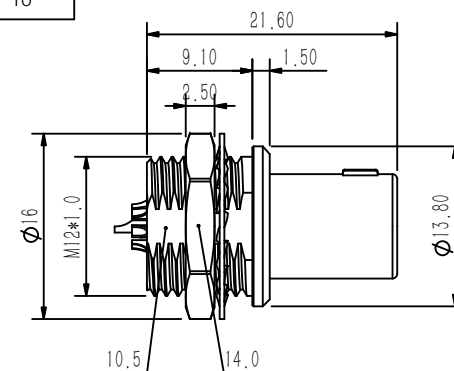
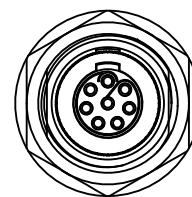
OTHER CHARACTERISTICS /其他性能

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

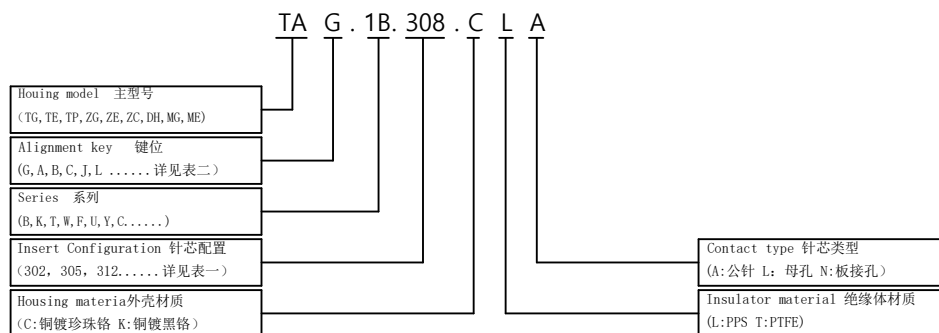
Contact PIN/接触针芯: Gold plated plated bronze/磷青铜镀金

IP rating(when mated)/防水等级(插合时): IP50



建议面板开孔尺寸

(2) Part Numbering System



GENERAL TOLERANCE (UNLESS SPECIFIED)	绘图 DWN	Y.Z 2026.05.13				
≤10 ±0.15	确认 CHK				品名 TITLE	1B系列板前安装针型插头 8芯，黄铜镀珍珠铬，焊线式，不带锁定装置
<10~≤20 ±0.25						
<20~≤50 ±0.5	核准 APVD					
Angle ±1°						
 视 角 THIRD ANGLE	单位 UNIT	MM	版本 REV	A	品号 PART NO	C160101-02701
	尺寸 SIZE	A4	页码 SHEET	1 OF 1	型号 DRAWING NO	TAG. 1B. 308. CLA