

1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 200^{\circ}\text{C}$
 Humidity(max)/最大潮湿: $\leq 95\%$ [at 60 deg C / 140 F]
 Shielding /屏蔽性能: 55dB(1GHz)
 Salt Spray Corrosion/盐雾: 96hr
 P op (max)/最大环境压力: 60 bar (870 psi)
 Insert Configuration/针芯配置: 20芯 代码: 038
 Pin Size/接触件直径: $\phi 0.5\text{mm}$
 R (Max)/接触电阻: $\leq 15\text{m}\Omega$
 Differential transmission rate/差分传输速率: 3.4Gbps
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$
 Withstand voltage/耐电压: 750V
 Rated Current/额定电流: 1.8A
 Cable AWG/配接电缆规格: $\phi 8.1-\phi 10\text{mm}/26\text{AWG}$

2) Mechanical data/机械特性:

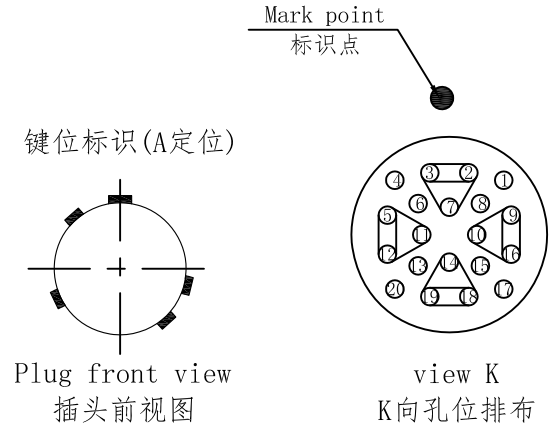
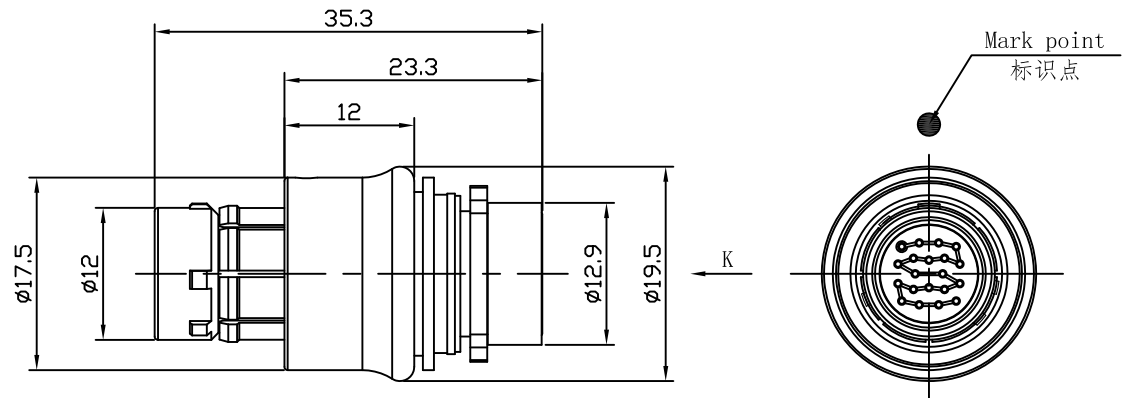
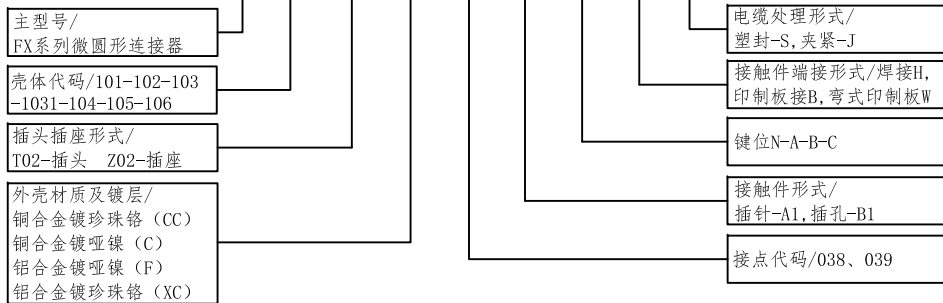
Vibration/振动: $1.0\text{G}^2/\text{Hz}$, 均方根值36.6G, $\leq 1\mu\text{s}$ 瞬断
 Shock Resistance/冲击: 加速度 2940m/s^2 , $\leq 1\mu\text{s}$ 瞬断
 Endurance (Shell)/机械寿命: 5000次

3) Other Specification/其它规格:

Contact PIN/接触件: 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: PEEK
 IP Rating/防护等级: IP68(2m水深24h) 插合状态

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求

型号命名 \rightarrow FX·104·T02·CC·038·A1·A-H·S



孔位	信号定义
2	DATA1+
7	Shield
3	DATA1-
5	DATA2+
11	Shield
1	Signal or Powr
8	Signal or Powr
15	Signal or Powr
17	Signal or Powr
13	Signal or Powr
20	Signal or Powr
4	Signal or Powr
6	Signal or Powr
12	DATA2-
18	DATA3+
14	Shield
19	DATA3-
9	DATA4+
10	Shield
16	DATA4-

TOLERANCES UNLESS OTHERWISE SPECIFIED:		FIRST ANGLE PROJECTION		Product name/产品名称	
未标注尺寸公差: ± 0.1 未标注角度公差: $\pm 0.5^{\circ}$		SIZE: A4	UNITS: mm	FX104 Plug	
SCALE: 1: 1		SHEET: 1 OF 1			
DRAWN BY: 绘图:	PD04	DATE/日期:	2022-05-18	QM NO 料号	FX104T02CC038A1A-HS
CHECKED BY: 审核:	PD02	DATE/日期:	2022-05-18	DRAWING NO 图号	
APPROVED BY: 核准:	PD02	DATE/日期:	2022-05-18	CUSTOMER NO 客户料号	
				REV/ 版本	A1
 QM(Quanma) Connector Shenzhen Co. LTD 深圳市全马连接器有限公司					