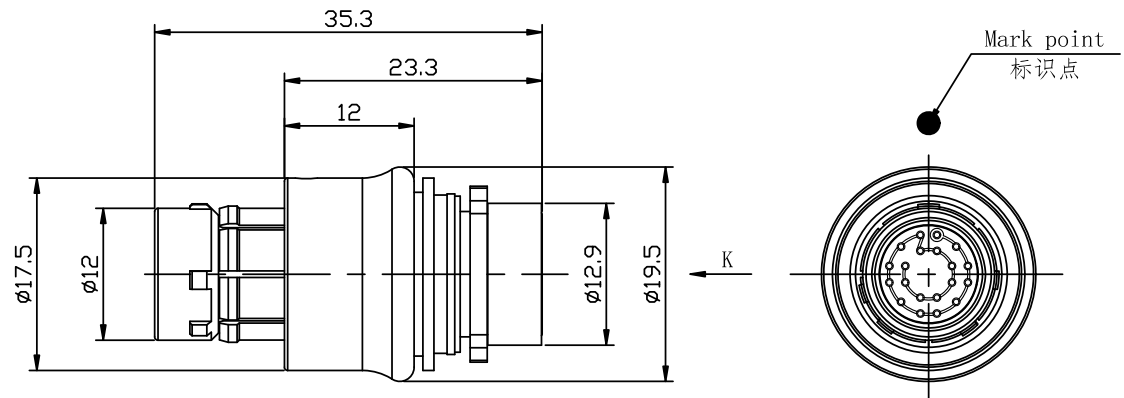


REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

1) Product main performance/产品主要性能指标:
 Operating Temperature/工作温度: -55°C~200°C
 Humidity(max)/最大潮湿: <=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: 039
 Pin Size/接触件直径: φ0.5mm
 R (Max)/接触电阻: ≤15mΩ
 Differential transmission rate/差分传输速率: 250Mbps
 Insulation resistance/绝缘电阻: 5000MΩ
 Withstand voltage/耐电压: 750V
 Rated Current/额定电流: 1.8A
 Cable AWG/配接电缆规格: φ8.1-φ10mm/26AWG

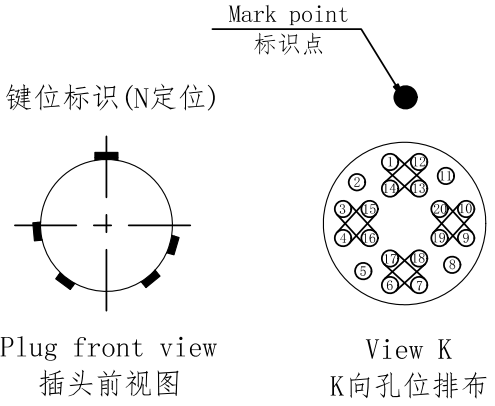
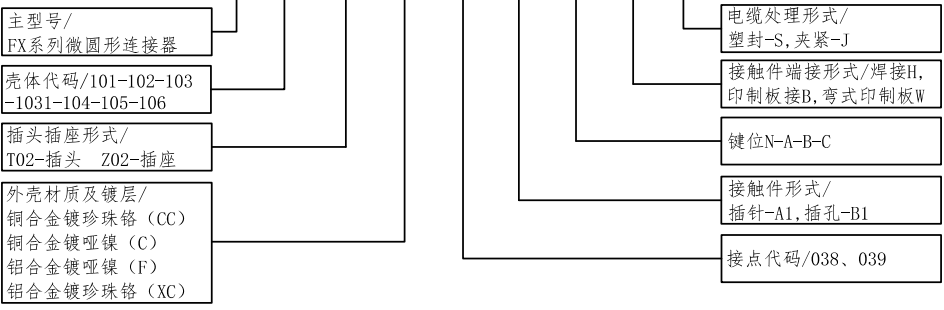


2) Mechanical data/机械特性:
 Vibration/振动: 1.0G²/Hz, 均方根值36.6G, ≤1us瞬断
 Shock Resistance/冲击: 加速度2940m/s², ≤1us瞬断
 Endurance (Shell)/机械寿命: 5000次

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: Dark nickel plated brass/铜镀哑镍
 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(插合状态)

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

型号命名 → FX·104·T02·C·039·A1·N-H·S



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

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	Product name/产品名称 FX104 Plug FX104直式插头	
	SIZE: A4 SCALE: 1: 1	UNITS: mm SHEET: 1 OF 1	
DRAWN BY: 绘图: Pd04	DATE/日期: 2022-12-20	QM NO 料号: FX104T02C039A1N-HS	REV/ 版本: A1
CHECKED BY: 审核: Pd02	DATE/日期: 2022-12-20	DRAWING NO 图号	
APPROVED BY: 核准: Pd02	DATE/日期: 2022-12-20	CUSTOMER NO 客户料号	
 QM (Quanma) Connector Shenzhen Co. LTD 深圳市全马连接器有限公司			