

Ultrasonic Flow Sensor Specification

1. 产品型号 (Product model) : JYUF-GT1000K-TD007L007-01

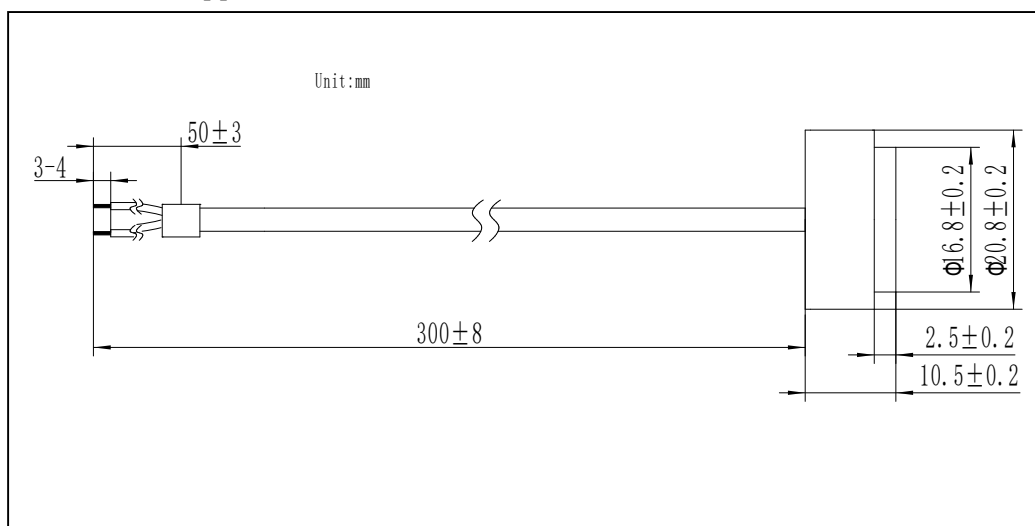
2. 产品名称 (Product Name) :TD007-007

3. 文件编号 (Drawing No.) : AP-SPEC-TD-0007007

4. 性能参数 (Electronic Performance)

Item	Unit	Standard	Test condition (25°C)
谐振频率 Thick resonance frequency	KHz	960±30	Impedance analyzer
谐振阻抗 Resonant impedance	Ω	≤110	Impedance analyzer
静态电容 Static capacitance	pF	1100±20%	LCR at:1000Hz/1V
工作温度 Operating temperature	°C	+0.1~+70	Working in water
储存温度 Storage temperature	°C	-25~+85	

5. 外形尺寸 (Appearance and Dimensions)



6. 包装 (Packing)

PCS/CTN	Carton Size (CM)	Cross weight (kg)	Net weight (Kg)
600	57*33*27	8.55	7.25

7. 注意事项 (Note) :

- 1) 产品可使用在液体中, 也可以在外夹式流量测试中使用, 不能在空气中使用。

The product can be used in liquid medium, also used in out-clamped ultrasonic flowmeter measuring, not for air medium.

- 2) 设计驱动电路时须考虑信号干扰, 以及电阻匹配。

Please consider to add Anti interference fuction and resistance matching in drive circuit.

- 3) 为了防止产品可能出现工作失效、性能退化, 应避免在如下或类似条件下使用。

Please do not use the product under the below conditions to avoid any fault or performance degradation.

- a, 强烈的冲击或者振动;

Strong impact or vibration

- b, 有溶解性有机物的环境内;

Soluble organic matter environment

- c, 超过允许输入电压 (20Vpp);

Over maximum input voltage(20VPP)

- d, 超过允许工作压力 (3.2MPa);

Over maximum pressure(3.2MPa)