

Ultrasonic Transducer Specification

超声波压电换能片规格书

1. 产品型号 (Product Model): JRP8-Ø60XØ30X10

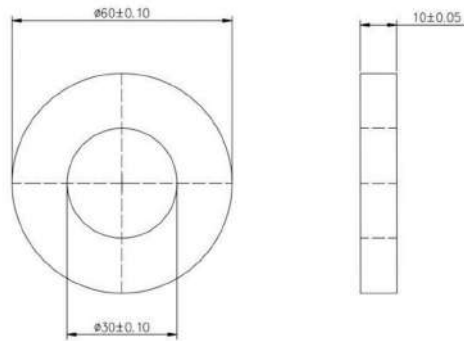
2. 尺寸 (Appearance Size): Φ60XΦ30X10mm

3. 电性能参数 (Electrical specification):

| 序号 No. | 项目 Item | 标准值 Standard Value |
|-----------|--|-----------------------|
| 1 | 谐振频率(Fr) Resonant frequency(Khz) | 25±1.0 |
| 2 | 静态电容 CT Static Capacitance (pF) | 2050±8% |
| 3 | 压电常数 d33 Piezoelectric charge Constant(pc/N) | 230±15% |
| 4 | 介电损耗 tgv (%) Dielectric Loss tgv (%) | ≤0.3% |
| 5 | 机械品质因素(Qm) Mechanical quality factors | 1200 |
| 6 | 压电片外径 D1 (mm) Piezoelectric External Diameter D1(mm) | 60±0.10 |
| 7 | 压电片内径 D2 (mm) Piezoelectric internal Diameter D2(mm) | 30±0.10 |
| 8 | 压电片厚度 T (mm) Piezoelectric Disc Thickness T(mm) | 10±0.05 |

4. 尺寸和外观 (Dimension and Appearance) , Unit(mm)

1) 外观尺寸(Dimensions)



2) 外观要求 (Appearance Requirements)

① 电极面上无明显显露、磨损和划伤

There is no obvious ceramic revealed, abrasion or scratches on the electrode surface.

② 无缺瓷、崩边和裂纹等损伤

The ceramic disc looks complete without crack

5. 标准包装 (Package)

| Qty/Carton | Carton Size | G.W. | N.W. |
|------------|----------------|-------|-------|
| 64pcs | 29.5X29.5X24CM | 11.35 | 10.30 |