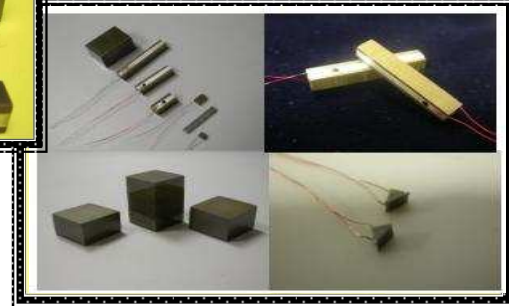


Piezoelectric Multi-Layer Actuator:ZAM Series



■ Features

1. Variety of shapes
2. Proven and flexible design
3. Vacuum-compatible versions
4. Fast response
5. Small sized piezoelectric multi-layer actuator is available

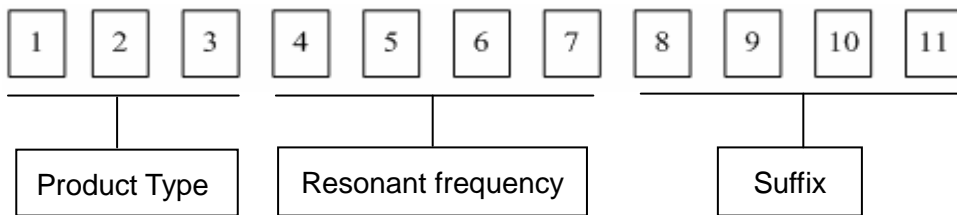


■ Recommended Applications

1. Dynamic or transient motion and force sensing

■ Part Number Information

☆ ZAM Series:



Example:

ZAM 801K A001
 (1) (2) (3)

| No. | Code Order | Item | Content | Specification |
|-----|------------|--------------------|---------|---|
| (1) | 1~3 | Product Type | ZAM | THINKING piezoelectric multi-layer actuator |
| (2) | 4~7 | Resonant frequency | 801K | $80 \times 10^1 = 800$ KHz |
| (3) | 8~11 | Suffix | A001 | Internal Control Code |

Piezoelectric Multi-Layer Actuator:ZAM Series



■ Specifications

| Item | | Unit | Type | | |
|----------------------|--|------|-------------|-------------|-------------|
| | | | ZAM161KA001 | ZAM081KA001 | ZAM041KA001 |
| Displacement | Maximum driving voltage (120 VDC) | μm | 6.5 | 13 | 20 |
| | Recommended driving voltage (100 VDC) | | 5 | 10.8 | 15 |
| Resonance frequency | | kHz | 164 | 82 | 41 |
| Capacitance | +/- 20% (F = 1 KHz) | μF | 0.4 | 0.84 | 1.15 |
| Resonance resistance | | MΩ | 50 | 20 | 10 |
| Dimension | Thickness | mm | 5 | 5 | 5 |
| | Width | | 5 | 5 | 5 |
| | Height | | 10 | 20 | 30 |