

**Piezoceramic Disc (External Drive)**

**Model: PDN500-0280B**



**ELECTRICAL SPECIFICATIONS**

|                       | Condition | Parameter   | Unit |
|-----------------------|-----------|-------------|------|
| Input Voltage         |           | Max. 50     | Vp-p |
| Resonant Frequency    |           | 2800 ± 500  | Hz   |
| Capacitance           | at 100Hz  | 35000 ± 30% | pF   |
| Resonant Impedance    |           | Max. 300    | Ω    |
| Metal Material        |           | Brass       |      |
| Colour                |           | Golden      |      |
| Operating Temperature |           | -20 ~ +70   | °C   |
| Storage Temperature   |           | -30 ~ +80   | °C   |
| Diameter [D]          |           | 50 ± 0.1    | mm   |
| Ceramic Diameter [d]  |           | 25 ± 0.4    | mm   |
| Total Thickness [T]   |           | 0.41 ± 0.05 | mm   |
| Metal Thickness [t]   |           | 0.20 ± 0.01 | mm   |

**MECHANICAL DRAWING**

Dimensions in mm

Tolerance ±0.5mm Except Specified

