

台灣聯能壓電科技股份有限公司
TAIWAN PIEZO-CERAM TECHNOLOGY CORP.

7F-4 NO.58 TA JEN ROAD
TAO YUAN CITY 330
TAIWAN

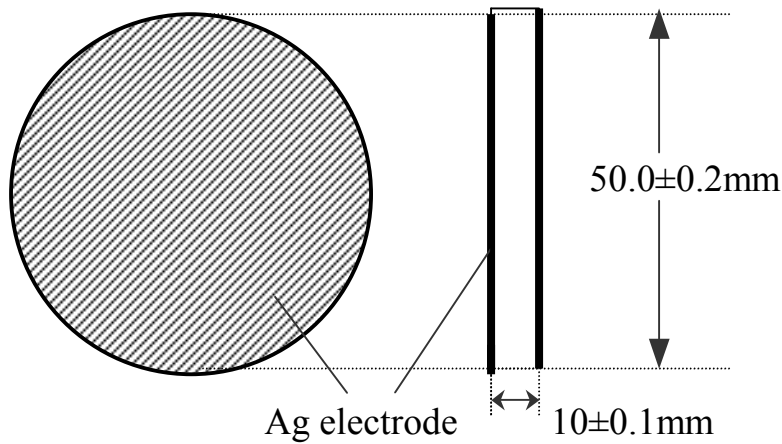
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SPECIFICATION OF PIEZO-CERAMIC

TPC-D50100-200k

1. PART NUMBER: TPC-D50100-200k
2. DIMENSIONS: $\phi 50 \times 10$



3. ELECTRICAL SPECIFICATION:

Resonant Frequency, f_r (Hz)	$210\text{k} \pm 5\%$
Dielectric Loss, $\tan \delta$ (%)	< 0.5
Coupling Factor, k_p	> 0.44
Free Capacitance, C(pF)	$2500 \pm 20\%$
Piezoelectric Constant, d_{33} (pC/N)	$320 \pm 20\%$
Application	Ultrasonic Fish Finder Discs