



Ultrasonic Transducer 40kHz

Part No: US-SP-TR-40
Doc V: 1.1

The 40kHz 50w type ultrasonic cleaner transducer is used to carry out electric energy and sound energy transduction in cleaning applications by means of piezoelectric effect. This energy is composed of radiation head, electrode, metal cap, pre-stressed bolt, piezoelectric chip and an insulating tube. It is widely used for ultrasonic cleaning equipment.



Item	Data
Dynamic resistance (Ω)	≤ 20
Capacitance (sf)	$4000 \pm 10\%$
Capacitance (GT)	4050
Loss (tgs) (%)	0.3
Coupling (kp) (%)	2.3
Qm	≥ 500
Frequency (Fs)(KHz)	$40K \pm 0.5K$

- NOTE : Replacing / altering any electronic components within an ultrasonic cleaner in the first 12 months of purchase will void manufacturer warranty.
- 50W 40kHz piezo-ceramic ultrasonic transducer with M10x1.0mm fixing thread, 10mm depth.
- Solder tags 10x6.5mm (centre tag + polarity).
- We suggest using the US-SP-EP-56G from Power Maxed to attach the transducer to the ultrasonic cleaner.

Ultrasonic Transducer 40kHz Dimensions

