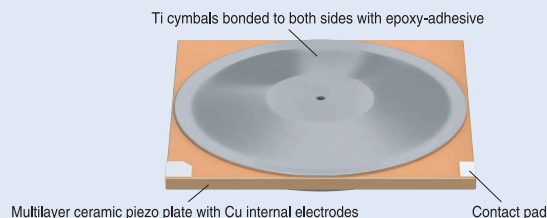


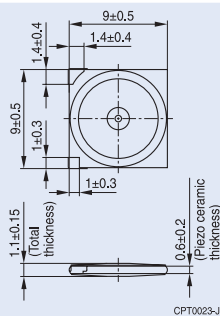
PowerHap – Piezo Actuators for Active Haptic Feedback

Structure

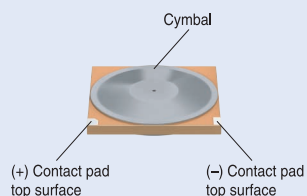


Dimensional drawings

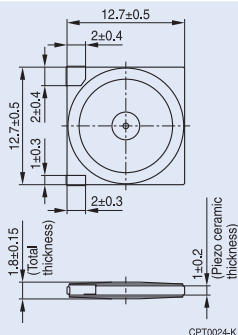
Type: 0909H011V060



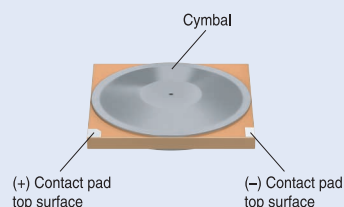
All dimensions in mm



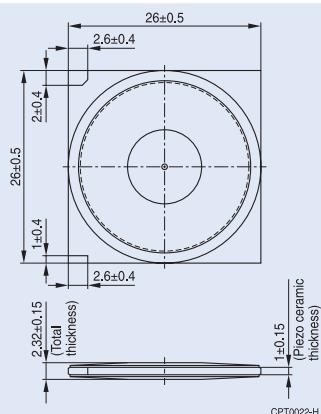
Type: 1313H018V120



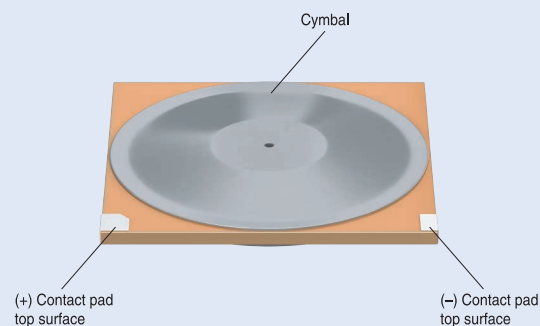
All dimensions in mm



Type: 2626H023V120



All dimensions in mm

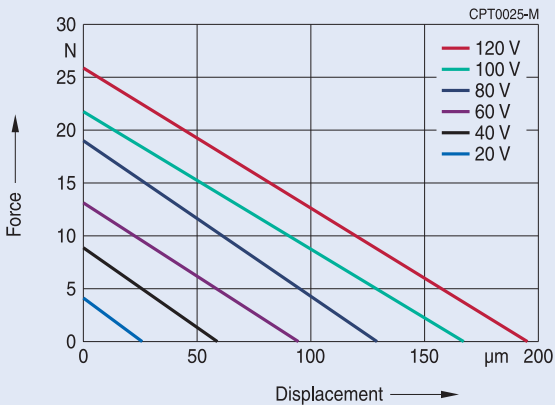


Note: Connection of PowerHap could be realised either via flexible wires or PFC.

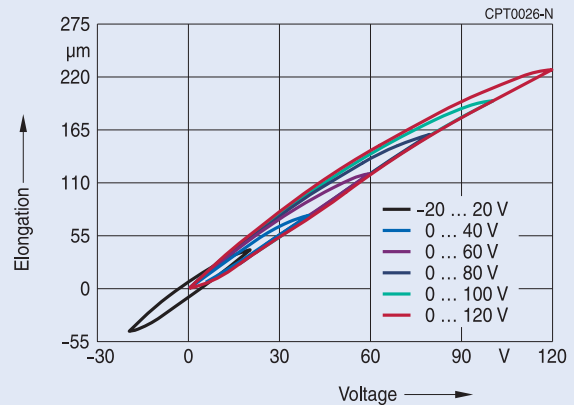
PowerHap – Piezo Actuators for Active Haptic Feedback

Example of technical characteristics (type 2626H023V120)

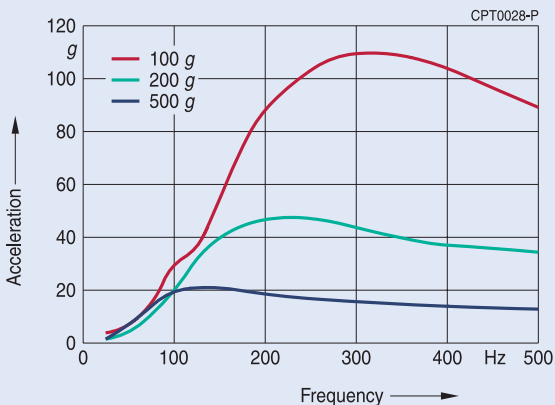
Force-stroke diagram with different loads.
Typical stiffness 130 N/mm.



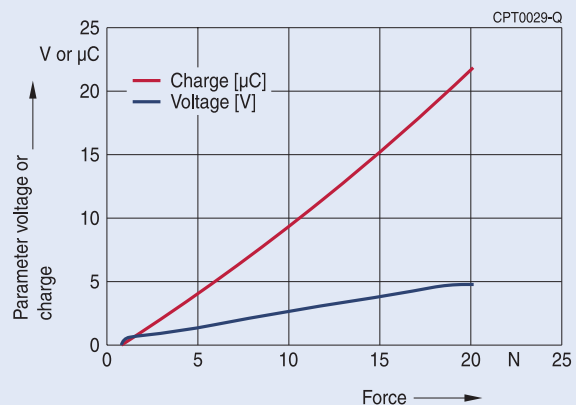
Elongation as a function of voltage measured between cymbal end-caps.



Acceleration as a function of frequency for different loads.
Input voltage has a single pulse half wave sinus signal form of amplitude 120 V and varying frequency from 50 to 500 Hz.



Sensor characteristics: open circuit voltage or short circuit charge as a function of force input.



Explanation of type code based on the PowerHap actuator 1919H021V120

