

Applications guides | Electric Razors

for the acoustic components



The electric razor (also known as the electric dry shaver) has a rotating or oscillating blade. The electric razor usually does not require the use of shaving cream, soap, or water. The razor may be powered by a small DC motor, which is either powered by batteries or mains electricity. Many modern ones are powered using rechargeable batteries. Alternatively, an electro-mechanical oscillator driven by an AC-energized solenoid may be used. Some very early mechanical shavers had no electric motor and had to be powered by hand, for example by pulling a cord to drive a flywheel.

Early versions of electric razors were meant to be used on dry skin only. Many recent electric razors have been designed to allow for wet/dry use, which also allows them to be cleaned using running water or an included cleaning machine, reducing cleaning effort. Some patience is necessary when starting to use a razor of this type, as the skin usually takes some time to adjust to the way that the electric razor lifts and cuts the hairs. Moisturizers designed specifically for electric shaving are available.



Suggested Item	64PE150410	64PE200400
Size (mm)	∅ 15 x 0.22	∅ 20 x 0.22
Frequency(Hz)	4100	4000
Capacitance(pF)	9000	26000



Suggested Item	DB-E1108	DB-E658	DB-E2338
Size (mm)	∅ 12.6 x 6.3	∅ 14 x 6.7	∅ 13.8 x 6.4
Sound Pressure Level (dBA)	80	80	85
Product Type	Piezo	Piezo	Piezo
Type	Pin	Pin	Pin