

Miniature Stepping Gearmotor Family



Nidec-Copal Corporation introduced the LPD6G series, a miniature stepping motor with parallel planetary gearhead. The miniature 2 phase stepping motor-geartrain develops 1.2 oz-in (9.0 Nm) at 1358 pulses-per-second or 30 rpm in its tiny package size of 0.5" × 0.41" × 0.343" wide (including lead exit height). It uses 3.0V to 3.3V input and draws less than 100 mA fully loaded. The step angle is 0.1326° per step in either direction. Backlash is a maximum of 4°. The stepping motor-geartrain weighs less than .06 oz (1.6g). Operating temperature ranges from 20°C to 60°C. Applications include medical equipment, optical devices, digital cameras, and consumer electronics.

Nidec-Copal Corporation

310-782-6102, www.nidec-copal-usa.com [1]

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