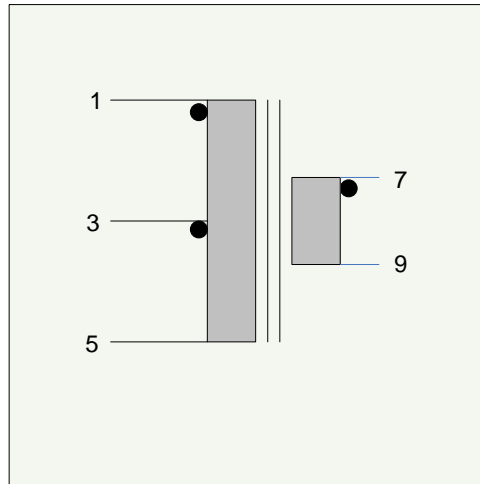


## PCBMotor 177-1

### Diagram / Phase sequence



### Specification

Pin 7-9:  $24.7 < L < 27.4$  mH

#### 1. Materials

Coil form: SMD B65526-B1010-T1  
Alternatively, CPVS-ER11-1S-10 or similar

Core: ER11 AL=250 nH  
3F3 from Ferroxcube  
Alternatively, N87 from Epcos  
Or materials with similar properties

Copper wire:  $\varnothing 0.05$  mm GR2 155°C  
 $\varnothing 0.25$  mm GR2 155°C

Glue: DP490

Solder: Lead-free soldering tin.

#### 2. Coil winding

Primary: 2 x 7 turns,  $\varnothing 0.25$  mm  
Secondary: 323 turns,  $\varnothing 0.05$  mm

November 16, 2011  
PCBMotor ApS