



Relative position sensor

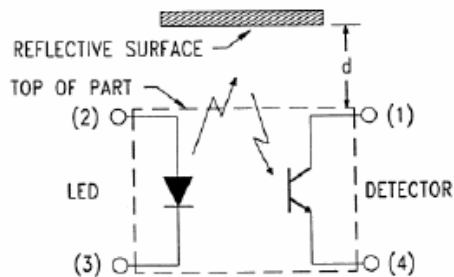
3° resolution equivalent to 120 steps/revolution

Position sensor:

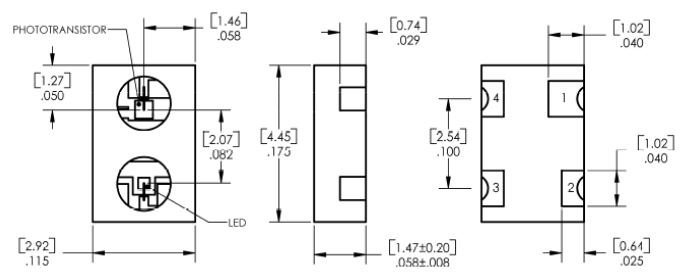
The purpose for this sensor is to detect angular movement of the rotor in a Ø20mm PCB Motor

The sensor is then designed for 120 steps/rev. equivalent to 3° resolution.

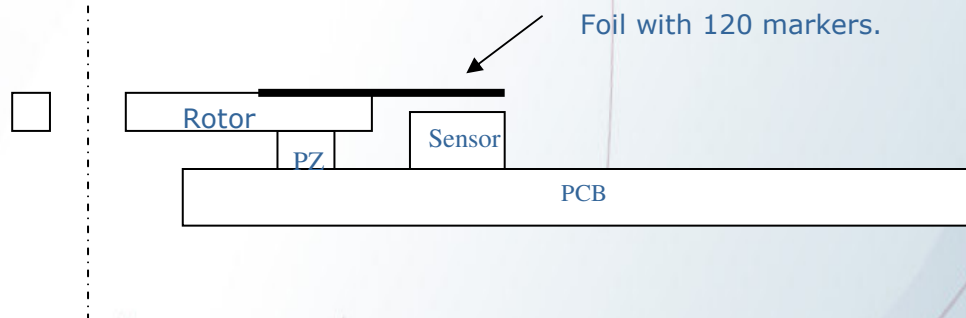
Sensor principle:



Sensor device:



Implemented solution:



In a multi PCB MOTOR application all detectors can be connected together. The common detector output will be connected to a pre amplifier with a digital output.

Max output frequency is estimated to 500 Hz.