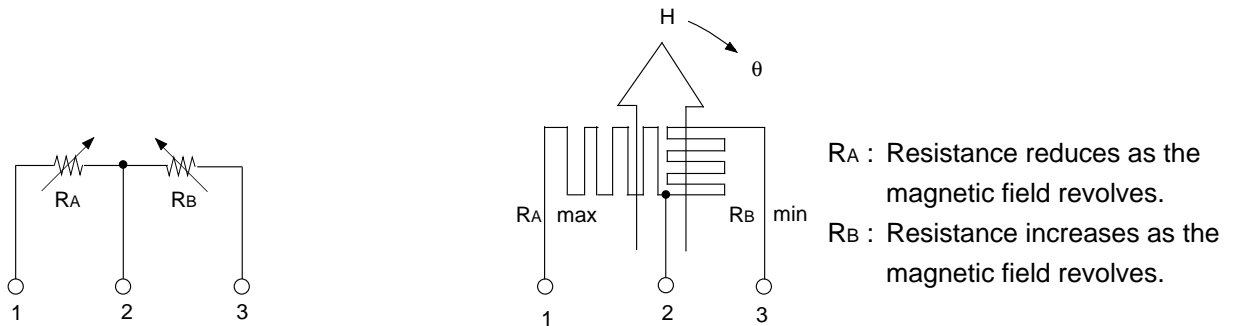
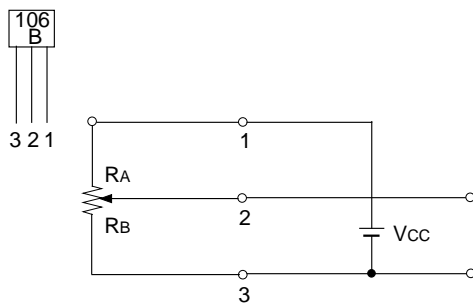


Equivalent Circuit

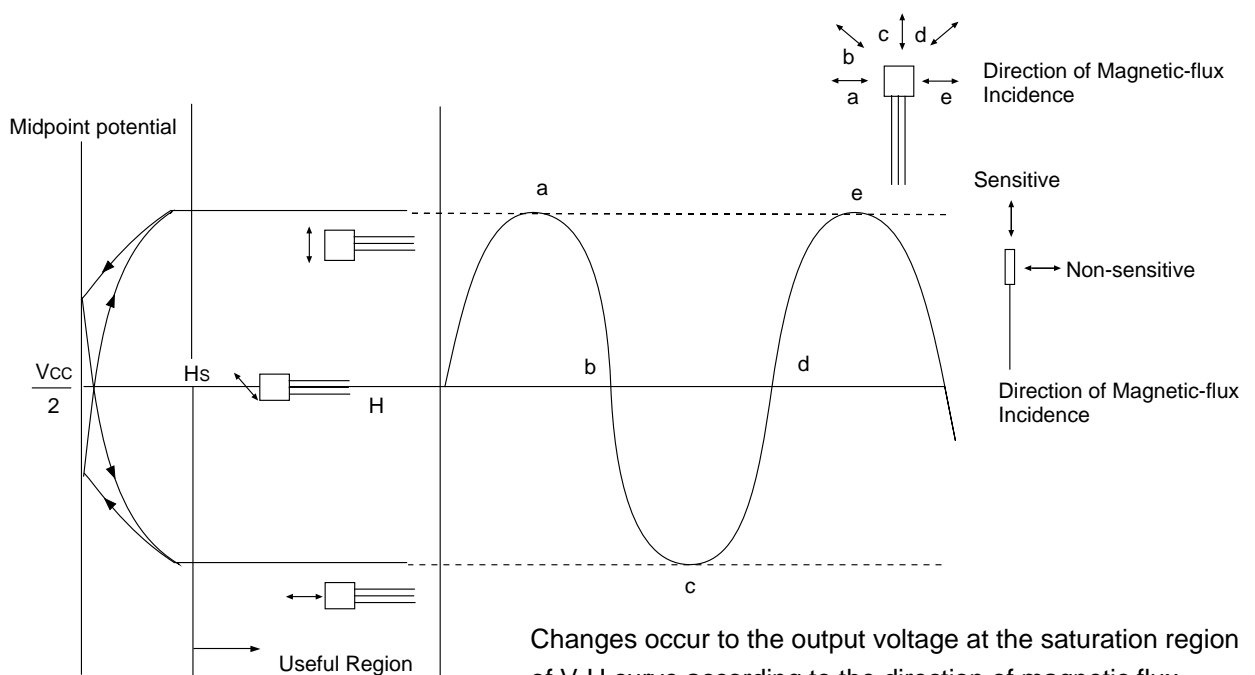


Introduction

1. Power supplying pin output pin



2. Sensitive direction vs. Midpoint potential

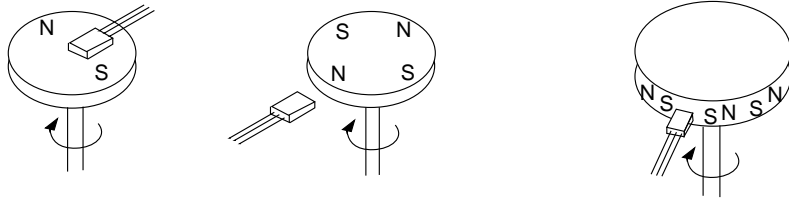


Changes occur to the output voltage at the saturation region of V-H curve according to the direction of magnetic flux. These changes provide for the operation.

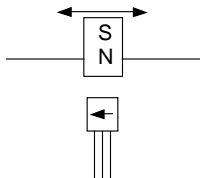
- With one rotation of magnetic flux, signals for 2 periods are obtained.

Applications

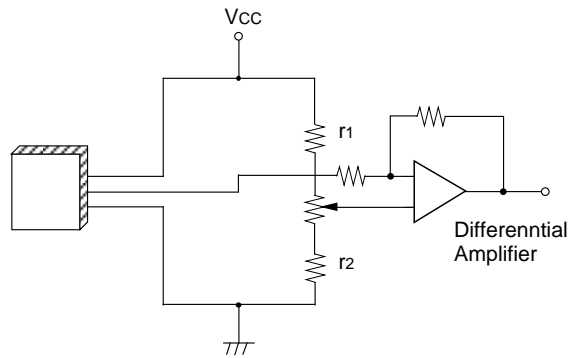
1. Detection of revolution



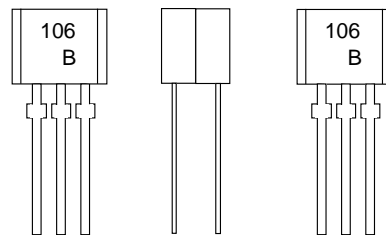
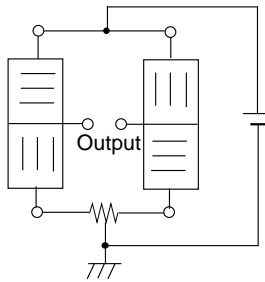
2. Position detecting



Circuits



3. Bridge Circuits

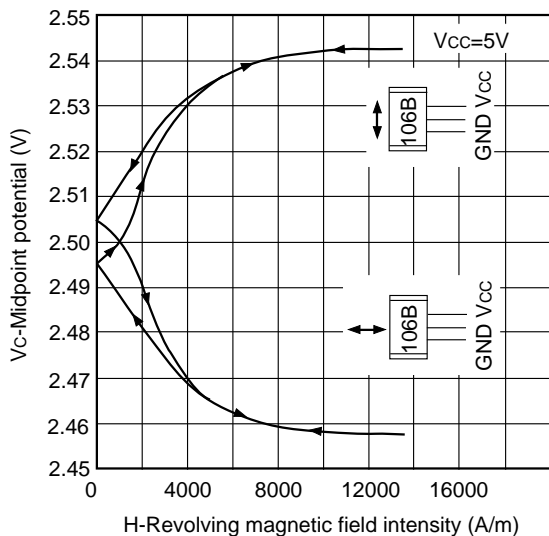


By coupling 2 pieces back to back and sticking them together in a bridge, the output voltage is doubled.

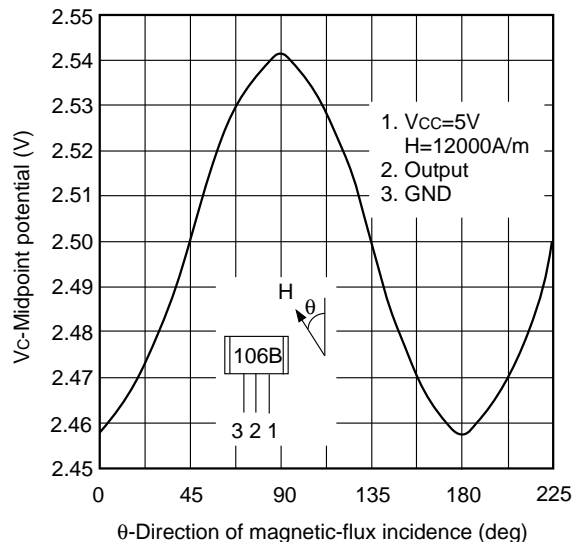
Notes on Application

- Execute the solder to the lead line within 10 seconds at a temperature below 260 °
- To Fix the ELEMENTS : When glue is used, DO NOT apply mechanical stress to the elements.

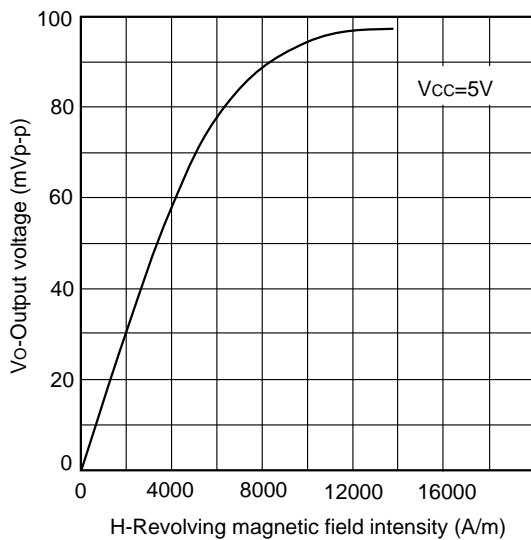
Midpoint potential vs. Magnetic field intensity



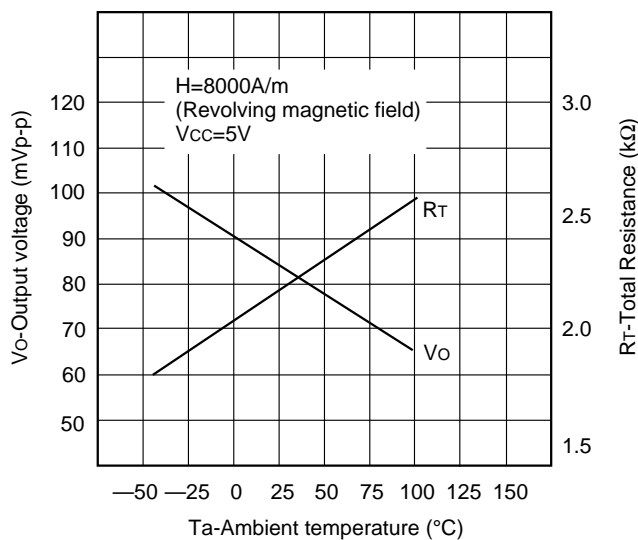
Midpoint potential vs. Direction of magnetic-flux incidence



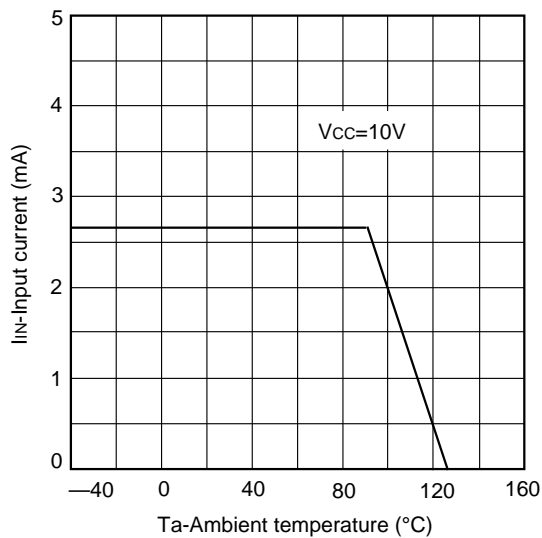
Output voltage vs. Magnetic field intensity



Total resistance, output voltage vs. Temperature

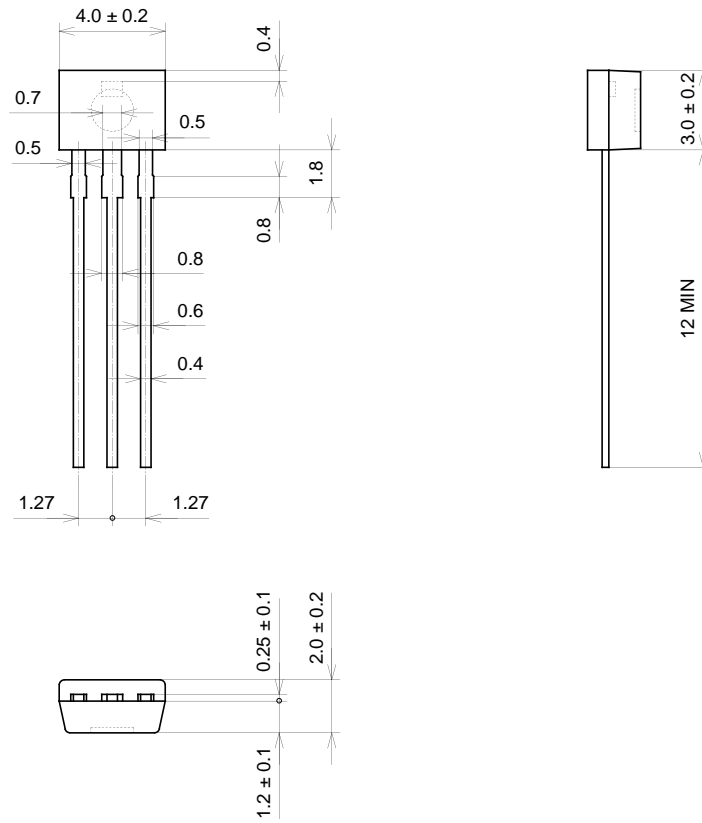


Derating Curve



Package Outline Unit : mm

M-110



SONY CODE	M-110
EIAJ CODE	_____
JEDEC CODE	_____

PACKAGE WEIGHT	0.09g
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