

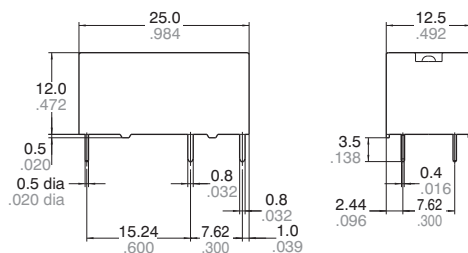
**DIMENSIONS**(mm inch)

Download [CAD Data](#) from our Web site.

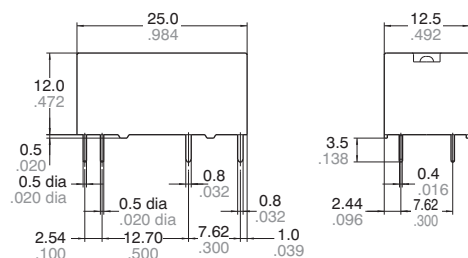
**CAD Data**



Single side stable  
1 coil latching type

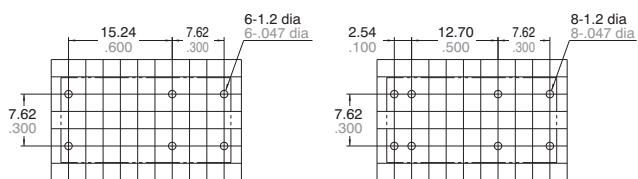


2 coil latching type



Tolerance:  $\pm 0.3 \pm .012$

PC board pattern (Bottom view)  
Single side stable 1 coil latching type      2 coil latching type

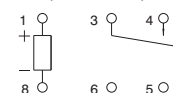


Tolerance :  $\pm 0.1 \pm .004$

Schematic (Bottom view)

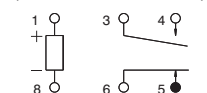
Single side stable

(1 Form A)



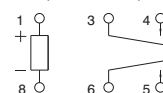
(5,6: dummy terminal)

(1 Form A 1 Form B)



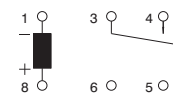
(Deenergized condition)

(2 Form A)



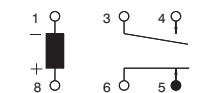
1coil latching type

(1 Form A)



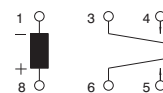
(5,6: dummy terminal)

(1 Form A 1 Form B)



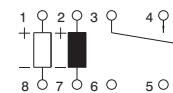
(Reset condition)

(2 Form A)



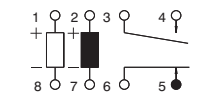
2coil latching type

(1 Form A)



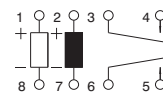
(5,6: dummy terminal)

(1 Form A 1 Form B)



(Reset condition)

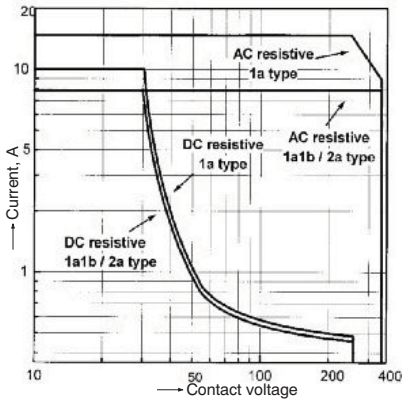
(2 Form A)



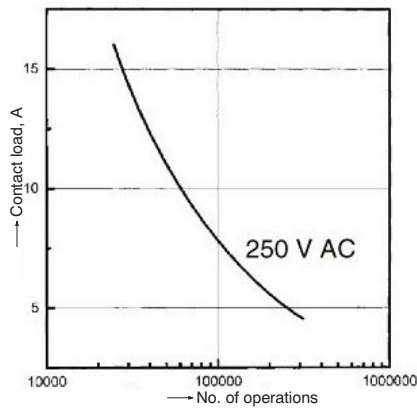
# DE (ADE)

## REFERENCE DATA

### 1. Max. switching power

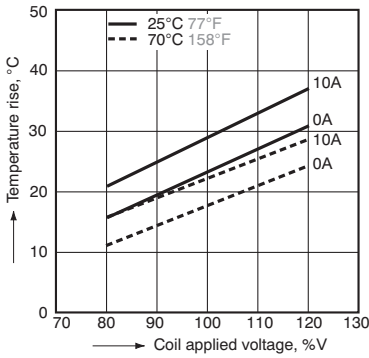


### 2. Life curve



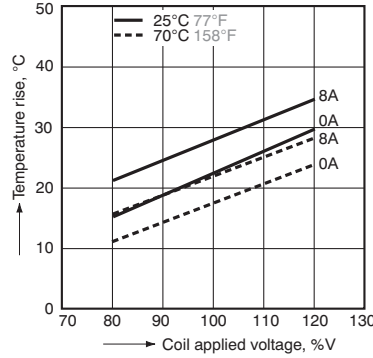
### 3.-(1) Coil temperature rise (1 Form A)

Tested sample: ADE109  
Quantity: n=6  
Ambient temperature: 25°C to 70°C 77°F to 158°F



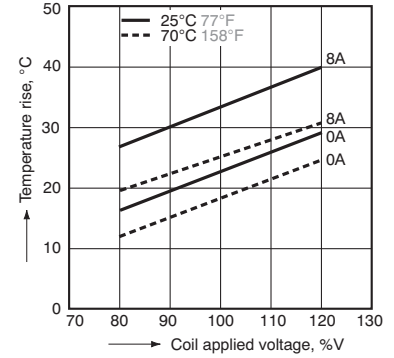
### 3.-(2) Coil temperature rise (1 Form A 1 Form B)

Tested sample: ADE309  
Quantity: n=6  
Ambient temperature: 25°C to 70°C 77°F to 158°F



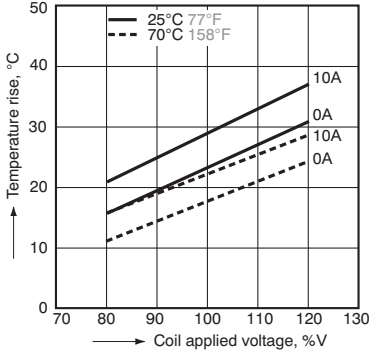
### 3.-(3) Coil temperature rise (2 Form A)

Tested sample: ADE209  
Quantity: n=6  
Ambient temperature: 25°C to 70°C 77°F to 158°F



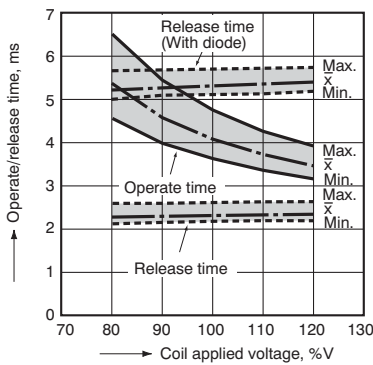
### 4-1. Operate/release time (1 Form A)

Tested sample: DE1a-5V  
Quantity: n=5



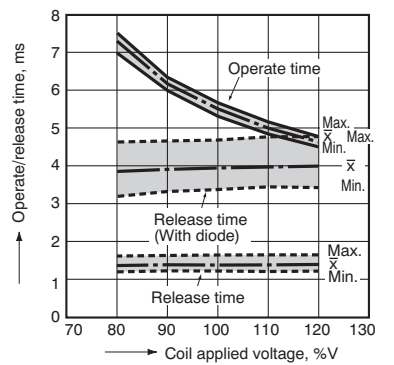
### 4-2. Operate/release time (1 Form A 1 Form B)

Tested sample: DE1a1b-5V, Quantity: n=5



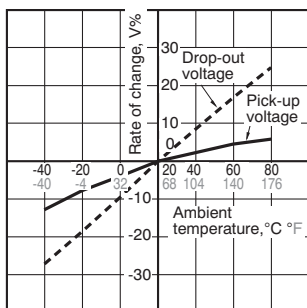
### 4-3. Operate/release time (2 Form A)

Tested sample: DE2a-5V, Quantity: n=5



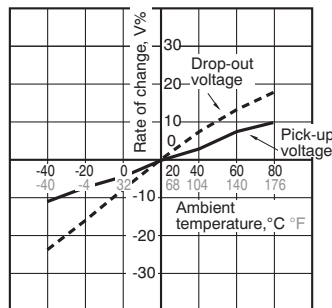
### 5-1. Ambient temperature characteristics (1 Form A)

Tested sample: DE1a-5V, Ambient temperature: -40°C to 80°C -40°F to 176°F, Quantity: n=6



### 5-2. Ambient temperature characteristics (1 Form A 1 Form B)

Tested sample: DE1a1b-5V, Ambient temperature: -40°C to 80°C -40°F to 176°F, Quantity: n=6



### 5-3. Ambient temperature characteristics (2 Form A)

Tested sample: DE2a-5V, Ambient temperature: -40°C to 80°C -40°F to 176°F, Quantity: n=6

