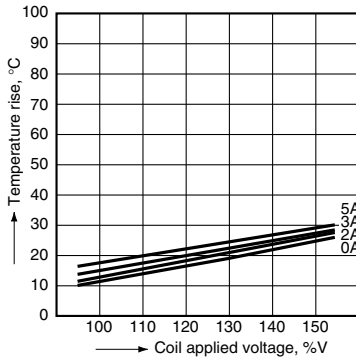


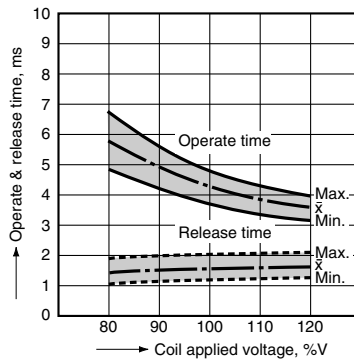
3.-(2) Coil temperature rise (120 mW)

Tested sample: PA1a-12V
Measured portion: Inside the coil
Ambient temperature: 20°C 68°F



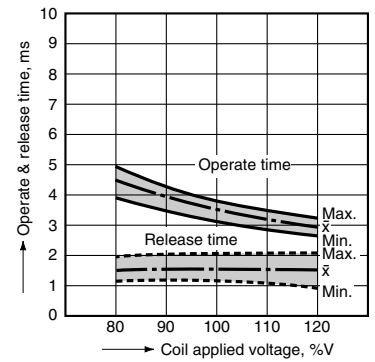
4.-(1) Operate & release time (120 mW)

Tested sample: PA1a-12V, 20 pcs.



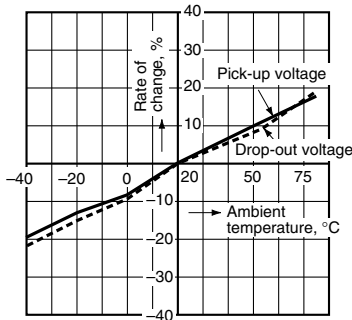
4.-(2) Operate & release time (180 mW)

Tested sample: PA1a-24V, 20 pcs.



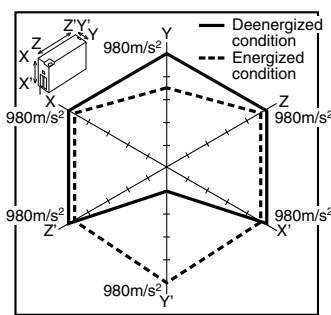
5. Ambient temperature characteristics

Tested sample: PA1a-12V, 6 pcs.



6. Malfunctional shock

Tested sample: PA1a-12V, 6 pcs.



DIMENSIONS (mm inch)

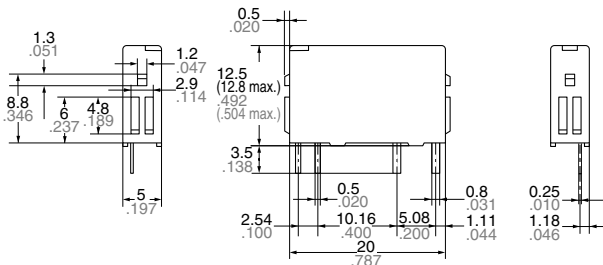
The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

Relay

CAD Data

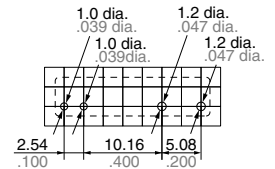


External dimensions



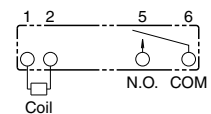
General tolerance: $\pm 0.3 \pm 0.012$

PC board pattern (Bottom view)



Tolerance: $\pm 0.1 \pm 0.004$

Schematic (Bottom view)

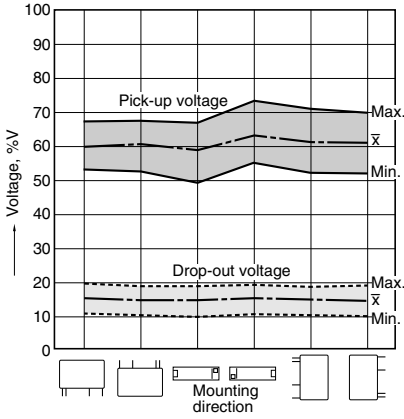


SAFETY STANDARDS

UL/C-UL (Recognized)		CSA (Certified)		TÜV (Certified)		Remarks
File No.	Contact rating	File No.	Contact rating	File No.	Rating	
E43149	5A 250V AC (5×10 ⁴) 5A 30V DC (5×10 ⁴) 3A 250V AC (10 ⁵) 3A 30V DC (10 ⁵)	LR26550 etc.	5A 250V AC (5×10 ⁴) 5A 30V DC (5×10 ⁴) 3A 250V AC (10 ⁵) 3A 30V DC (10 ⁵)	B 12 01 13461 316	IEC1131-2 Reinforced	TÜV rating 5A 250V AC (cosφ=1.0) (5×10 ⁴) 5A 30V DC (0ms) (5×10 ⁴) 3A 250V AC (cosφ=1.0) (10 ⁵) 3A 30V DC (0ms) (10 ⁵)

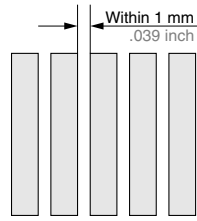
NOTES

1. For cautions for use, please read "GENERAL APPLICATION GUIDELINES" on page B-1.
2. If it includes ripple, the ripple factor should be less than 5%.
3. Specification values for pick-up and drop-out voltages are for the relay mounting with its terminals below.

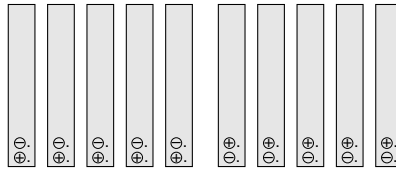


4. When mounting the relays within 1 mm .039 inch, please notice the condition below.

- 1) Mount the relays in the same direction.



- 2) Coil terminals (Terminal No. 1 & 2) polarity should be arranged in the same direction.



- 3) Allowable contact current is 2 A.

- 4) About the electrical life for close mounting, please refer to data below.

