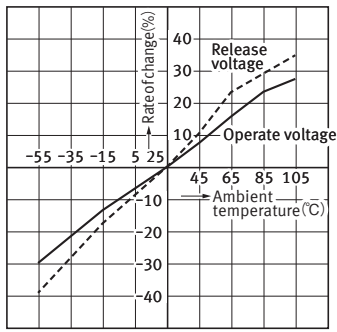


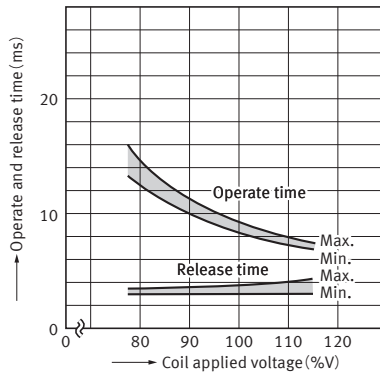
REFERENCE DATA

1.-(1) Coil temperature rise (400mW type)
voltage (at 20°C 68°F)
Tested sample : JTV1S-TMP-24V, 6 pcs.



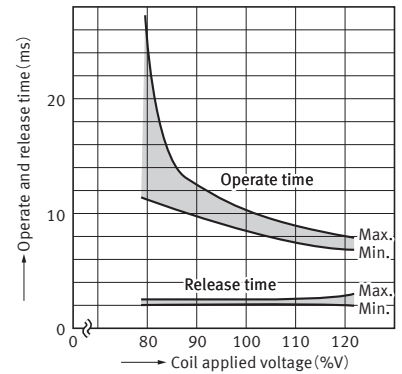
2. Operate/release time

Tested sample : JTV1S-TMP-24V



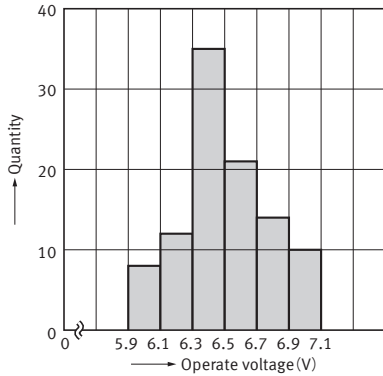
3. Operate/release time

Tested sample : JTV1aS-PA-24V



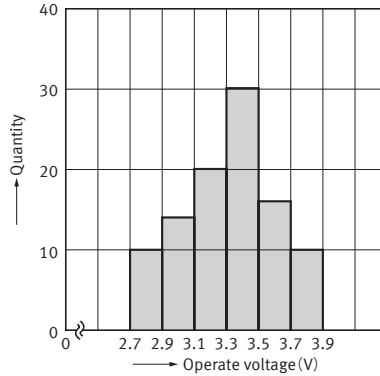
4. Distribution frequency of pick-up voltage
(at 20°C 68°F)

Tested sample : JTV1S-TMP-12V, 100 pcs.



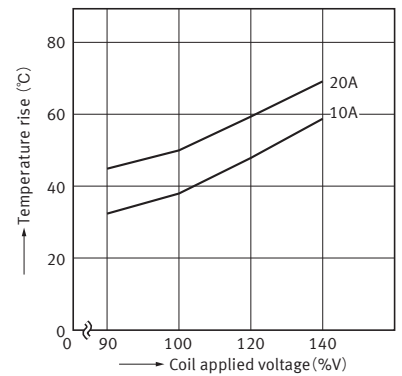
5. Distribution frequency of drop-out voltage
(at 20°C 68°F)

Tested sample : JTV1S-TMP-12V, 100 pcs.



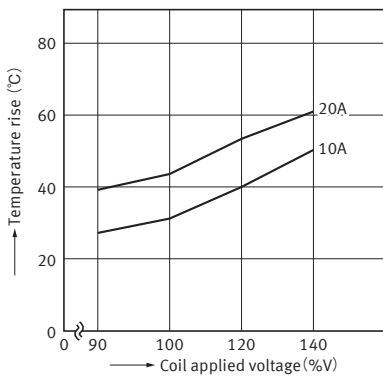
6.-(1) Coil temperature rise (TMP type)*

Tested sample : JTV1aS-TMP-12V, 6 pcs.
Ambient temperature : 25°C



6.-(2) Coil temperature rise (TMP type)*

Tested sample : JTV1aS-TMP-12V, 6 pcs.
Ambient temperature : 85°C



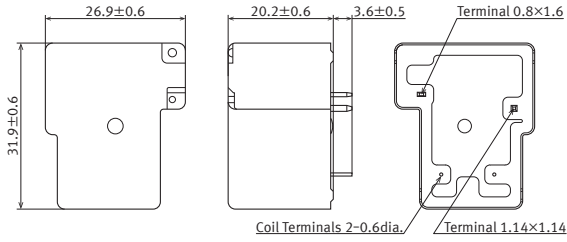
DIMENSIONS (mm)

CAD The CAD data of the products with a "CAD" mark can be downloaded from our Website.

1. PCB type

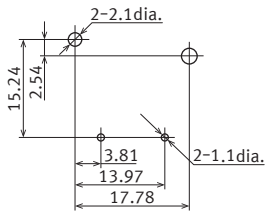
CAD

1 Form A



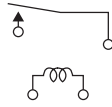
General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

PC board pattern (Bottom view)



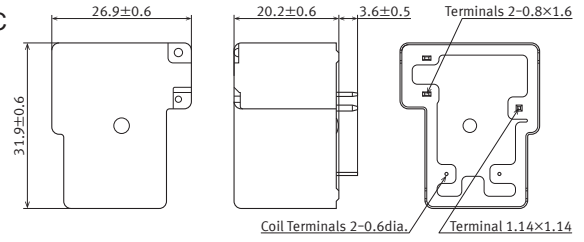
Tolerance ±0.1

Schematic (Bottom view)



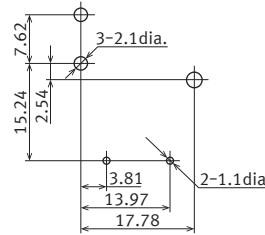
CAD

1 Form C



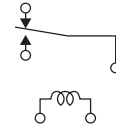
General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

PC board pattern (Bottom view)



Tolerance ±0.1

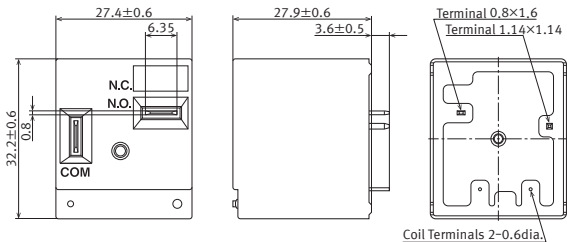
Schematic (Bottom view)



2. TMP type

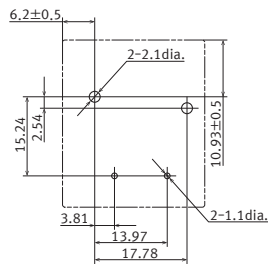
CAD

1 Form A



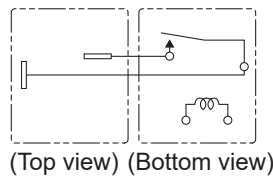
General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

PC board pattern (Bottom view)



Tolerance ±0.1

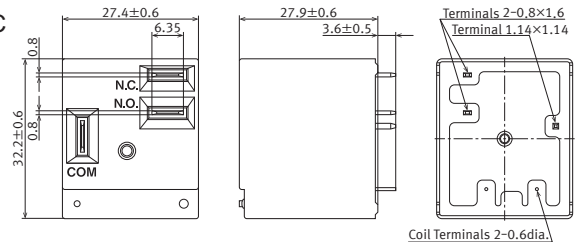
Schematic



(Top view) (Bottom view)

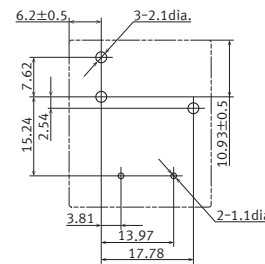
CAD

1 Form C



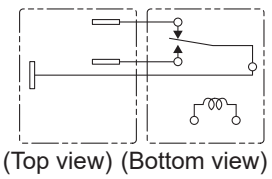
General tolerance
 Less than 1mm : ±0.1
 Min. 1mm less than 3mm : ±0.2
 Min. 3mm : ±0.3

PC board pattern (Bottom view)



Tolerance ±0.1

Schematic



(Top view) (Bottom view)

Tolerance: ±0.1 ±0.04

SAFETY STANDARDS

Item	UL/C-UL (Recognized)	
	File No.	Contact rating
1 Form A	E43028	30A 277V AC, 30A 28V DC, 2HP 250V AC
1 Form C	N.O.	20A 277V AC, 20A 28V DC, 2HP 250V AC
	N.C.	10A 277V AC, 10A 28V DC, 1/2HP 250V AC

* CSA standard: Certified by C-UL

Please refer to **"the latest product specifications"** when designing your product.

• Requests to customers :
<https://industrial.panasonic.com/ac/e/salespolicies/>

NOTES

1. Electrical life

In order to obtain the full rated life cycles, the relay should be properly vented by removing the vent nib after the soldering/washing process.

- PCB type
- TMP type

