

Operate time ⁽¹⁾	20ms Max.	
Release time ⁽¹⁾	10ms Max.	
Insulation resistance ⁽¹⁾	100 MΩ Min. (DC 500V)	
Dielectric strength ⁽¹⁾	Between open contact	: AC 1200V , 50/60Hz 1 min.
	Between contact and coil	: AC 3600V , 50/60Hz 1 min.
Vibration resistance	Operating extremes	10~50Hz , amplitude 1.0 mm
	Damage limits	10~50Hz , amplitude 2.0 mm
Shock resistance	Operating extremes	10G
	Damage limits	100G
Life expectancy	Mechanical	10,000,000 operations (frequency 18,000 operations/hr)
	Electrical	100,000 operations (frequency 1,200 operations/hr)
Operating ambient temperature	-25~+55°C (no freezing)	
Weight	Approx. 27.3 g	

Note : (1) initial value

»» Safety Approval

Certified	UL	CSA	TUV
File No.	E88991	LR90143	R 09452438

»» Safety Approval Rating

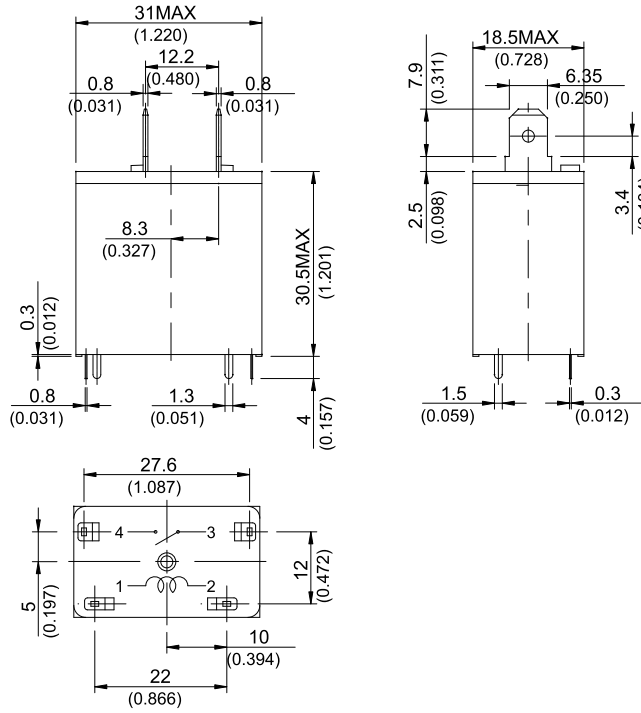
UL	CSA	TUV
25A 250VAC	25A 250VAC	25A 250VAC
20A 30VDC	20A 30VDC	20A 30VDC
1HP 125VAC	1HP 125VAC	20A 250VAC cosφ 0.7
1-1/2HP 250VAC	1-1/2HP 250VAC	12A 250VAC cos φ 0.4
TV-10	TV-10	



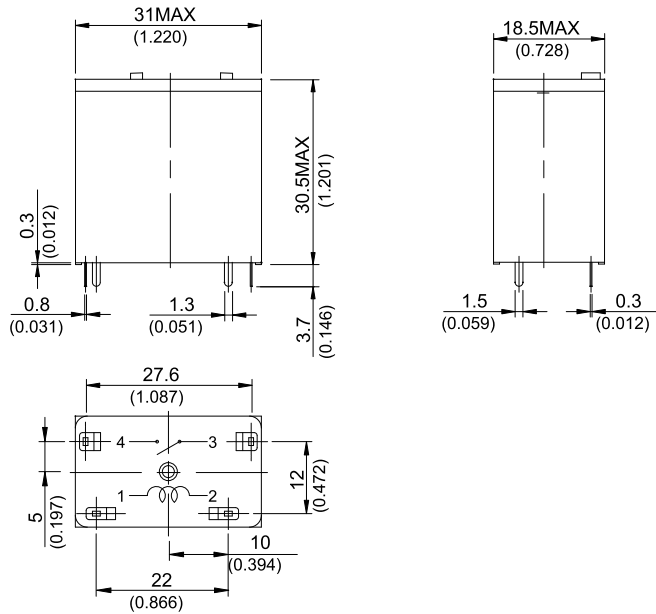
821

»» Outline Dimensions

◆ 821-W

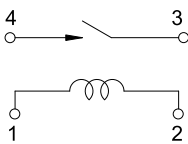


◆ 821-P



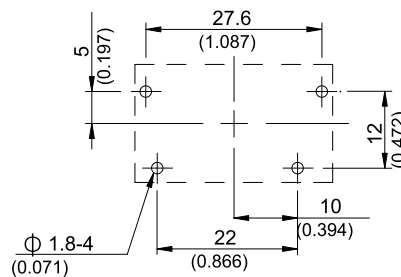
»» Wiring Diagram

BOTTOM VIEW

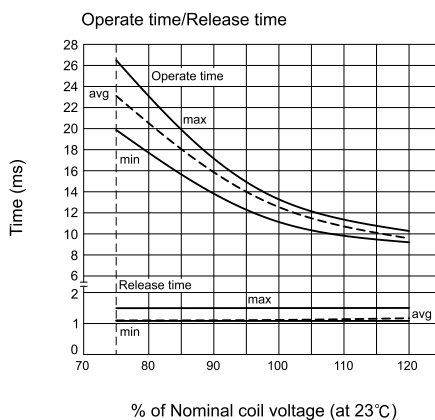
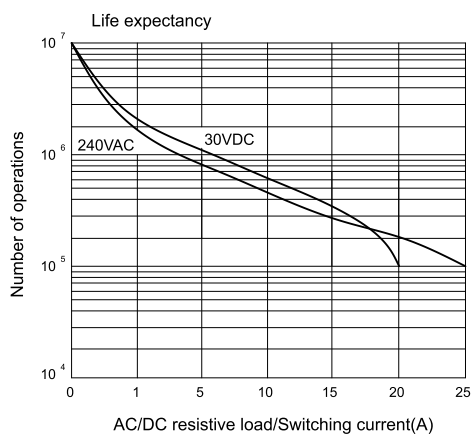
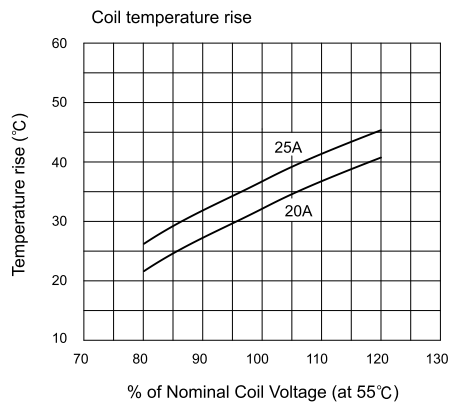
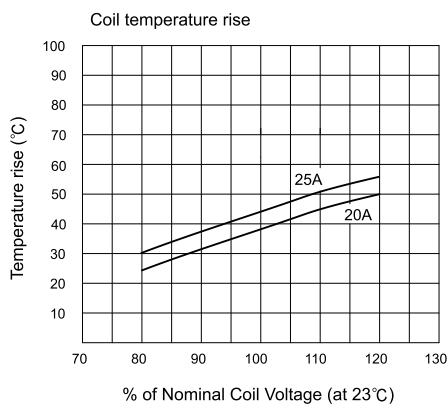


»» PC Board Layout

BOTTOM VIEW



»» Engineering Data



Disclaimer

All technical performance data apply to the relay as such, specific conditions of the individual application are not considered. Please always check the suitability of the relay for your intended purpose. We do not assume any responsibility or liability for not complying herewith. We recommend to complete our questionnaire and to request our technical service. Any responsibility for the application of the product remains with the customer only. All specifications are subject to change without notification. All rights of Song Chuan are reserved.