



Distributor: Electro-Stock www.electrostock.com Tel: 630-682-1542 Fax: 630-682-1562

#### **FEATURES:**

- Switching capacity up to 10A
- Low profile and narrow width
- High dielectric strength
- Withstands up to 10kV surge





24.7 x 10.5 x 25.1 mm

## **CONTACT DATA**

Contact Arrangement	1A = SPST N.O.	
	1C = SPDT	
Contact Rating	10A @ 250VAC & 30VDC	
_	TV-5	
Contact Resistance	< 50 milliohms initial	
Contact Material	AgSnO <sub>2</sub>	.a
Maximum Switching Power	300W, 2500VA	- A 75
Maximum Switching Voltage	300VAC, 110VDC	2, 42
Maximum Switching Current	10A	4 19
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### **COIL DATA**

Coil V	oltage	Coil Re	sistance	Pick Up Voltage	Release Voltage	Coil Power	Operate Time	Release Time
VE	$\Omega \pm 10\%$		VDC (max)	VDC (min)	W	ms	ms	
				75%	10%			
Rated	Max.	.25W	.53W	of rated voltage	of rated voltage			
5	6.5	100	47	3.75	0.5			
6	7.8	145	68	4.50	0.6			
9	11.7	325	155	6.75	0.9			
12	15.6	575	270	9.00	1.2	.25 & .53	15	5
18	23.4	1300	620	13.50	1.8			
24	31.2	2310	1080	18.00	2.4			
48	62.4	9210	4400	36.00	4.8			

#### **CAUTION:**

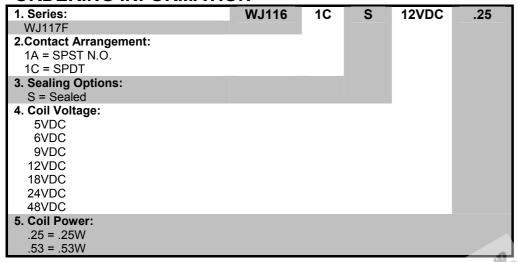
- 1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.
- 2. Pickup and release voltages are for test purposes only and are not to be used as design criteria.

### **GENERAL DATA**

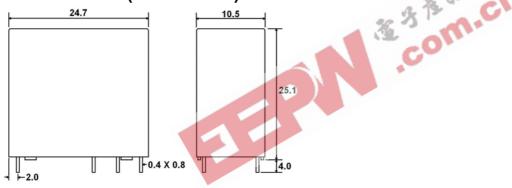
Electrical Life @ rated load	100K cycles, typical		
Mechanical Life	10M cycles, typical		
Insulation Resistance	100MΩ min @ 500VDC		
Dielectric Strength, Coil to Contact	4000V rms min. @ sea level		
Contact to Contact	1000V rms min. @ sea level		
Shock Resistance	200m/s <sup>2</sup> for 11ms		
Vibration Resistance	1.50mm double amplitude 10-40Hz		
Operating Temperature	-40 °C to + 85 °C		
Storage Temperature	-40 °C to + 155 °C		
Solderability	230 °C ± 2 °C for 10 ± 0.5s		
Weight	12g		



### ORDERING INFORMATION



## **DIMENSIONS (Units = mm)**



# SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)

