

CIT RELAY™

WJ119

FEATURES:

- Switching capacity up to 25A
- PC pins and quick connect terminals
- Uses include household appliances
- High inrush capability
- Strong resistance to shock and vibration

 US E197852



30.5 x 15.8 x 26.8 (36.5) mm

CONTACT DATA

Contact Arrangement	1A = SPST N.O.
Contact Rating	25A @ 277VAC resistive 20A @ 250VAC general purpose 1-1/2 hp @ 250VAC 1hp @ 125VAC
Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
Maximum Switching Power	6380 VA
Maximum Switching Voltage	300VAC
Maximum Switching Current	25A

DC COIL DATA

Coil Voltage VDC		Coil Resistance $\Omega \pm 10\%$	Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max.		75% of rated voltage	5% of rated voltage			
5	6.5	.9W	3.75	.25	.9	20	10
6	7.8	28	4.50	.30			
9	11.7	40	6.75	.45			
12	15.6	90	9.00	.60			
24	31.2	160	18.00	1.2			
48	62.4	640	36.00	2.4			
110	142.8	2560	82.50	5.5			

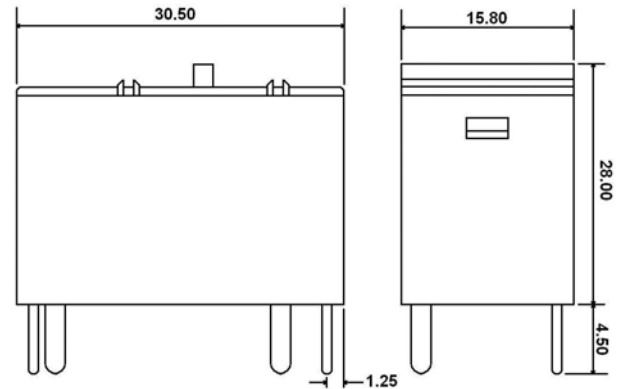
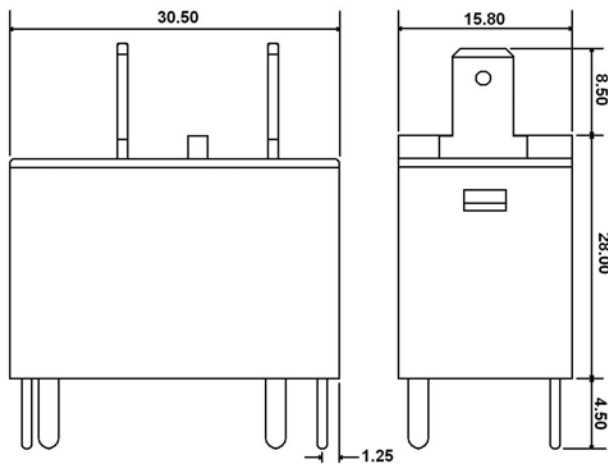
GENERAL DATA

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100M Ω min @ 500VDC
Dielectric Strength, Coil to Contact	2000V rms min. @ sea level
Contact to Contact	1000V rms min. @ sea level
Shock Resistance	100m/s ² for 11ms
Vibration Resistance	1.5mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-30 °C to + 55 °C
Storage Temperature	-40 °C to + 85 °C
Solderability	230 °C \pm 2 °C for 10 \pm 0.5s
Weight	28g

ORDERING INFORMATION

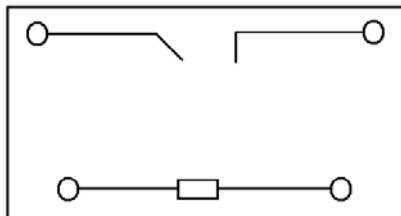
1. Series:	WJ119	1A	12VDC
2. Contact Arrangement:	1A = SPST N.O.		
3. Terminal Options:	Blank = Quick Connects and PC Pins P = PC Pins Only		
4. Coil Voltage:	5VDC 6VDC 9VDC 12VDC 24VDC 48VDC 110VDC		

DIMENSIONS (Units = mm)

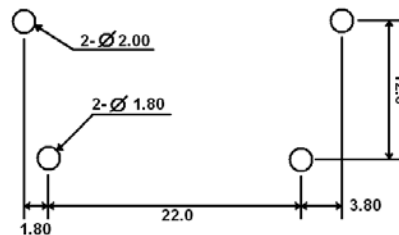


P (PC Pins Only)

SCHEMATIC & PC LAYOUT



(Bottom View)



**** The contacts are connected to the quick connect terminals on top of the relay as well as the PC terminals.**