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FEATURES:

- Low coil power consumption
- Small size and light weight
- PC board mounting
- Wide range of applications





15.5 x 12.2 x 13.8 mm

CONTACT DATA

Contact Arrangement	1A = SPST N.O.				
	1B = SPST N.C.				
	1C = SPDT				
Contact Rating	N.O 10A @ 120VAC Resistive				
	20A @ 14VDC Resistive				
	N.C 10A @ 14VDC Resistive				
	1/2 hp, 125VAC				
	TV-5, 120VAC				
Contact Resistance	< 50 milliohms initial				
Contact Material	AgCdO,				
Maximum Switching Power	280W, 1200VA				
Maximum Switching Voltage	380VAC, 110VDC				
Maximum Switching Current	20A				

COIL DATA

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Coil Voltage Coil Resistance		Pick Up Voltage	Release Voltage	Coil Power	Operate Time	Release Time		
VE	VDC Ω ± 10%		VDC (max)	VDC (min)	W	ms	ms	
Rated	Max.	.6W	.8W	75% of rated voltage	10% of rated voltage			
6	7.8	60	45	4.50	0.6			
9	11.7	135	102	6.75	0.9	.60		
12	15.6	240	180	9.00	1.2	.80	10	5
24	31.2	960	720	18.00	2.4			

- The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.
 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	500V rms min. @ sea level
Contact to Contact	500V rms min. @ sea level
Shock Resistance	100m/s ² for 11ms
Vibration Resistance	1.50mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-40 °C to + 85 °C
Storage Temperature	-40 °C to + 155 °C
Solderability	230 °C ± 2 °C for 10 ± 0.5s
Weight	6g



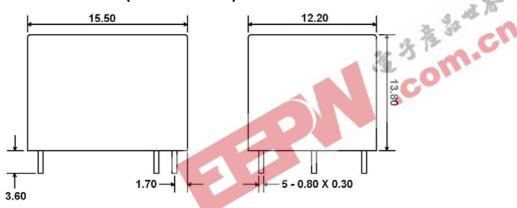
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ORDERING INFORMATION

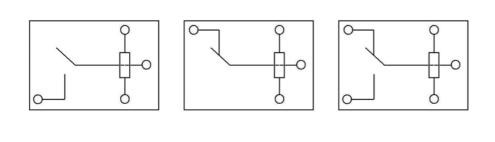
1. Series:	WJ118	1C	S	12VDC	.60
WJ118					
2.Contact Arrangement: 1A = SPST N.O. 1B = SPST N.C. 1C = SPDT					
3. Sealing Options: S = Sealed					
4. Coil Voltage: 6VDC 9VDC 12VDC 24VDC					
5. Coil Power: .60 = .60W .80 = .80W					

DIMENSIONS (Units = mm)

1A



SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)



1B

1C

