



Features

- Dielectric strength:5000V.
- Small size for density PCB mounting.
- Quick connection terminal construction.

Contact Capacity

Model	YAW
Nominal Switching Capacity	15A 14VDC
Max.swithing current	15A
Max.swithing voltage	14VDC
Max.swithing power	210W

Characteristic Data

Contact material	Silver alloy	
Initial contact resistance	100mΩ Max.	
Operate time	8msec. Max.	
Release time	5msec. Max.	
Initial insulation resistance	100MΩ Min.(DC500V)	
Initial dielectric strength	Between open contacts: AC500V,50/60HZ 1Min.	
	Between coil and contacts: AC500V,50/60HZ 1Min.	
Vibration resistance	Functional	10-55 IIZ at double amplitude of 1.5mm
	Destructive	10-55 IIZ at double amplitude of 1.5mm
Shock resistance	Functional	10G Min.
	Destructive	100G Min.
Endurance(operations)	Mechanical(at 10,800ps.h)	10,000,000 times
	Electrical(at 10,800ps.h)	100,000 times
Ambient temperature	-40℃ ~ +125℃(no condensation)	
Unit weight	Approx.8.5g	

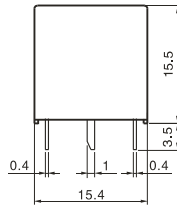
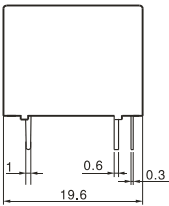
Coil Data(at 20℃)

Nominal voltage (VDC)	Nominal operating current ± 10% (mA)	Coil resistance ± 10% (Ω)	Allowable voltage (Max.)	Pick-up voltage (Max.)	Drop-out voltage (Min.)	Nominal operating power
6	133.3	45	110%of nominal voltage	70%of nominal voltage	5%of nominal voltage	0.60W
9	88.8	101				
12	66.7	180				
24	33.3	720				

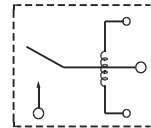
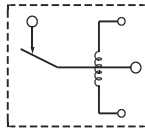
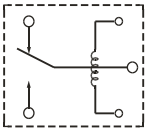
Ordering Information

Nomenclature					
YAW	SS	-1	12	D	M-XX
Special Parameter: Nil-Standard type Letter or number-Special requirement					
Contact Form: M-Form A, B-Form B, Nil-Form C					
Coil Power: D-0.80W					
Coil Voltage(VDC):06,09,12,24					
Number of Pole: 1-1 Pole					
Protective Construction:SS-Flux proofed SH-Sealed type washable					
Type Designation: YAW					

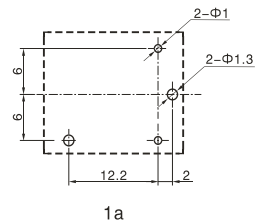
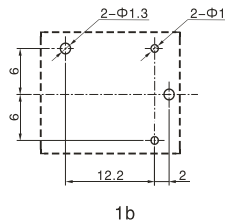
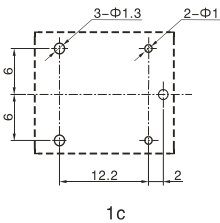
Outline Dimensions, Wiring Diagram, P.C Board Layout(Unit:mm)



Unless otherwise specified:
 <1mm, tolerance, ±0.2mm;
 1-5mm, tolerance, ±0.3mm;
 >5mm, tolerance, ±0.4mm;
 Note: 1. Extended terminal dimension is dimension before soldering.
 2. Tolerance of PCB layout: ±0.1mm



Wiring Diagram(bottom view)



PCB Layout(bottom view)

Typical Applications

- Office equipment such as computer, fax machine, etc.
- Automat, automatic power window, car antenna, door lock, etc.
- Home appliances such as air conditioner, electric heater, etc.

Characteristic Curves

