FORWARD RELAYS

**Features**
- DC Pinch Terminals, High Sensitivity: 0.14W or 0.10W Nominal Power.
- Conforms to FCC Part 68 1.5V Surge and Dielectric 1000VAC.
- Monostable or bistable relays Single and double Coil magnet latching Type available.

**Ordering Information**
- 4 Part number, P 2 Operating function, NIL: Single Side Stable L:1 Coil Latching; K:2 Coil Latching 4 3 Coil rated voltage(V), DC: 3.4, 5.6, 9, 12, 24
- 4 Contact material, NIL: AgPd, W: AgNi

**Contact Data**
- Contact Resistance or Voltage drop: 3.38, 6.75, 9.00, 11.25
- Max. Switching Power: 60W, 62.5VA
- Min. Switching load: 0.01mA/10mV

**Coil Parameter**
- Load: 1A/30VDC, 0.5A/125V AC
- Release(max): 0.15W, 0.20W
- Release(min): 0.15W, 0.20W
- E:158859

**Dimensions**

**Characteristics**

**Electrostatic capacitance**
- Between open Contacts: Approx.0.4pF
- Between coil & Contacts: Approx.0.4pF
- Between Contact Poles: Approx.0.2pF

**Insulation Resistance**
- 1000MΩ min (at 500VDC)
- Item 7 of IEC 60255-5

**Diode Strength**
- Between open Contacts: 1000VAC 1min
- Between coil & contacts: 1000VAC 1min
- Between Contact Poles: 1000VAC 1min

**Surge Withstand voltage**
- Between open Contacts: 1500V
- Between coil & contacts: 1500V
- Between Contact Poles: 2500V

**Shock resistance**
- Functional: 500m/s² 11ms: Survival: 1000 m/s² 6ms
- IEC 68-2-27 Test Fc

**Vibration resistance**
- 10Hz~55Hz Double amplitude
- Functional: 3mm Survival:5mm
- IEC 68-2-6 Test Fc

**Terminals strength**
- SN
- IEC 68-2-21 Test Ua1

**Solderability**
- 235°C ±2°C 9s±0.5s
- IEC 68-2-20 Test Ta method 1

**Temperature Range**
- -40°C ~70°C (-40°C ~158°F)
- Max: Approx. 1.5g

**Safety approvals**
- Safety approval: UL&CUR, TUV
- Load: 1A, 2A/30VDC, 0.5A/125VAC
- 1A/30VDC, 0.5A/125VAC

**Notes**
1. Dimensions are in millimeters.
2. Inch equivalents are given for general information only.

Ningbo Forward Relay Corporation LTD.