



ISO9001、ISO14001 Certification Enterprises

Main Feature

1. Small size(18.4x10.3x15.4 in mm) produces a Switching capacity up to 8A for high density P.C.Board mounting technique.
2. The Contact form construction is 1C
3. The Surge Resistance of BJ Series is 10,000V.
4. Sealing Construction (Free from dust and solder flux): BJ-SS:Plastic sealed type.
5. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.
6. RoHS Compliant.

Application

Domestic Appliances. Office Machines. Audio Equipment. Car Use.....etc

Contact Rating

- Nominal Load(Resistive Load Cos $\phi = 1$)
Contact Capacity
BJ-D(L).....NO:5A at 250VAC
5A at 30 VDC
NC:3A at 250VAC
3A at 30 VDC
BJ-DF.....NO:8A at 250VAC
8A at 30VDC
NC:5A at 250VAC
.5A at 30VDC

Max. Allowable Current
BJ-D(L).....NO:5A
NC:3A
BJ-DF.....NO:8A
NC:5A
- Max Allowable Voltage.....AC250V. DC30V
- Max Allowable Power Force
BJ-D(L).....NO:1250VA 150W
NC:750VA 90W
BJ-DF.....NO:20 00VA 240W
NC:1250VA 150W
- Contact Material.....Ag Alloy
- Contact Form... ..SPDT

Performance (at Initial Value)

- Contact Resistance
- Operate Time.....BJ-D(DF) 6 mSec. Max
BJ-L 8 mSec. Max
Release Time..... 3 mSec. Max
- Dielectric Strength:
Between Coil & Contact:.....2,500VAC at 50/60
Hz for one minute

- Between Contacts.....1,000VAC at 50/60
Hz for one minute
- Surge Resistance.....10,000V (between
Coil & contact
1.2x50 μ Sec)
- Insulation Resistance.....1,000Mega Ω Min. at
500VDC
- Max. On/Off Switching:
Electrical.....30 Ops per minute
Mechrical.....300 Ops per minute
- Temperature Range..... - 40~85 $^{\circ}$ C
- Humidity Range..... 5%~85%RH
- Coil Temperature Rise..... 35 $^{\circ}$ C Maximum
- Vibration:
Endurance.....10 to 55 Hz dual
amplited width
1.5mm
Error Operation.....10 to 55 Hz dual
amplited width
1.5mm
- Shock:
Endurance..... 981m/s² Min
Error Operation.....98.1m/s² Min
- Life Expectancy:
Mechanical.....10⁷ Operations at
No load condition
Electrical.....10⁵Operations at
Rated Resistive
load
- Weight.....about 7 g

Safety Standard & Its File Number

Pending

Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 8\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
BJ-D BJ-DF	3	150	20	Abt. 0.45	75% Maximum	10% Minimum	130%
	5	91	55				
	6	75	80				
	9	50	180				
	12	37.5	320				
BJ-L	3	67	45	Abt. 0.2	75% Maximum	10% Minimum	130%
	5	40	125				
	6	33.3	180				
	9	22.5	400				
	12	16.7	720				
	24	8.3	2,800				

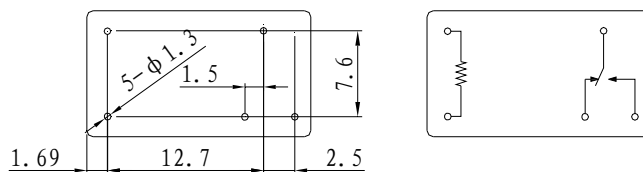
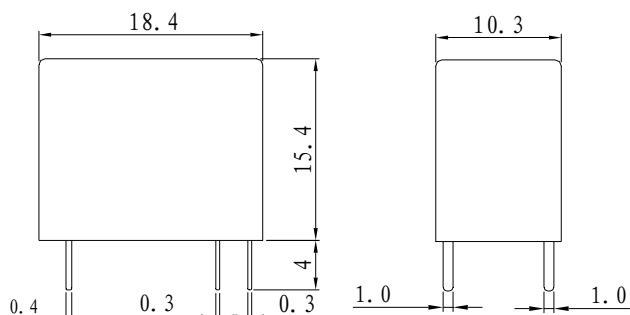
Ordering Information

BJ	-	SS	-	1	12	D	F	Insulation Class: F:Class F Nil:Class B
								Contact Form: Nil:One form C B:One form B
								Coil Type: L:Standard DC Coil
								Coil Voltage: 03:3V, 05:5V, 06:6V, 09:9V 12:12V, 24:24V, 48:48V
								Number of Pole: 1:One Pole
								Type of Sealing: SS:Plastic Sealed Type
								Type: BJ

Classification

Model	BJ		
Coil Sensitivity	Standard DC Coil		High Sensitivity DC Coil
Plastic Sealed Type	BJ-SS-1□□D	BJ-SS-1□□DF	BJ-SS-1□□L

Dimension



Dimension Tolerance: < 1mm: ± 0.2 mm
 1--5mm: ± 0.3 mm
 > 5mm: ± 0.5 mm