

Contact Rating

- Nominal Load(Resistive Load Cos $\phi = 1$)
Contact Capacity
BSZ6-L/LM.....3A at 125VAC
3A at 24VAC
- Max. Allowable Current
BSZ6-L/LM.....3A
- Max. Allowable Voltage
BSZ6-L/LM.....AC125V,DC24V
- Max. Allowable Power Force
BSZ6-L/LM.....375VA 72W
- Contact Material..... Ag Alloy
- Contact Form..... SPDT & SPST

Performance (at Initial Value)

- Contact Resistance..... $\leq 50m\Omega$ at 6VDC/1A
- Operate Time.....10ms. Max
- Release Time..... 5ms. Max
- Dielectric Strength:
Between Coil & Contact.....1,000VAC at 50/60 Hz
for one minute
Between Contacts.....700VAC at 50/60 Hz
for one minute
- Surge Resistance.....10,000V (between Coil
& Contact 1.2x50 μs)

Main Feature

1. Small size (15.5x10.5x11.2 in mm) produces a switching capacity up to 3A for high density P.C.Board mounting technique.
2. The contact form construction is 1a/1c
3. The Surge Resistance of BSZ6 series is 10,000V
4. Sealing Construction (Free from dust and solder flux):
BSZ6-SS: Flow Solder Type.
5. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.

Application

Air Conditioning, Fridge, Washing Machine, etc Household Appliances

- Insulation Resistance.....100 Mega Ω Min. at
500VDC
 - Max. On/Off Switching:
Electrical.....30 Ops per minute
Mechanical.....300 Ops per minute
 - Temperature Range..... - 30~70°C
 - Humidity Range.....45~85% RH
 - Coil Temperature Rise..... 35°C Maximum
 - Vibration:
Endurance.....10 to 55 Hz dual
amplitude width 1.5mm
Error Operation.....10 to 55 Hz dual
amplitude width 1.5mm
 - Shock:
Endurance..... 981m/s² Min
Error Operation..... 98.1m/s² Min
 - Life Expectancy:
Electrical.....10⁵ Operations at
Rated Resistive
load
Mechanical.....10⁷ Operations at
No load condition
 - Weight.....about 3.5g
- ## Safety Standard & Its File Number
- UL.....E303975

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)
BSZ6-L/LM	3	66.7	45	Abt. 0.2	75% Maximum	10% Minimum	130%
	5	40	125				
	6	33.7	180				
	9	22.2	405				
	12	16.7	720				
	24	8.3	2880				

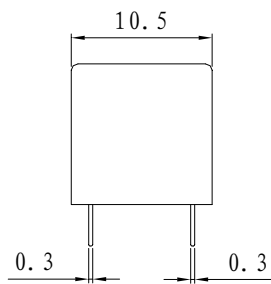
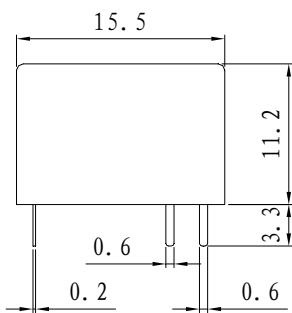
Ordering Information

BSZ6 - SS - 1 12 L M		
	Contact Form:	Nil: One form C M: One form A
	Coil Type:	L: Standard DC Coil
	Coil Voltage:	03: 3V, 05: 5V, 06: 6V, 09: 9V, 12: 12V, 24: 24V.
	Number of Pole:	1: One Pole
	Type of Sealing:	SS: How Solder Type
	Type:	BSZ6

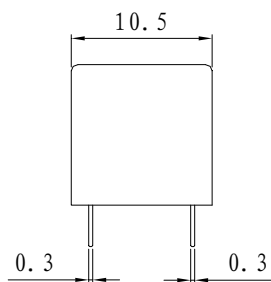
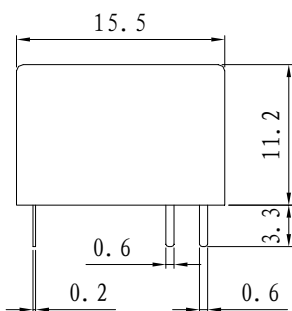
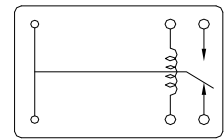
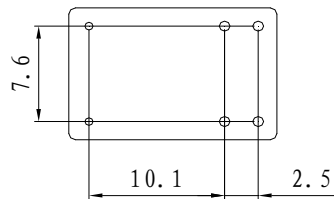
Classification

Model	BSZ6	
Coil Sensitivity	Standard DC Coil	
	1C	1A
Flow Solder Type	BSZ6-SS-1□□L	BSZ6-SS-1□□LM

Dimension



BSZ6-SS-L



BSZ6-SS-LM

