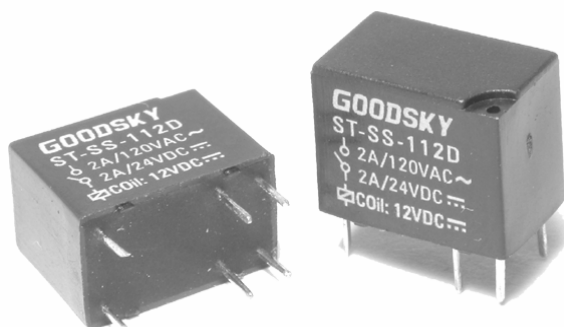




Main Feature

1. Very small size with light weight.
2. Various coil sensitivity types are available.
3. Plastic sealed type is available for washing protective.
4. Wide operation coil voltage range.

Application

Telecommunication , Office Equipment and Industrial Control, application.



Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity 2A at 120VAC.
 2A at 24VdC.
- Rated Carrying Current 2A.
- Max. Allowable Current 2A.
- Max. Allowable Voltage AC 125V, DC 60V.
- Max. Allowable Power Force 240 VA, 48W.
- Min. Switching Load DC 5V, 10mA.
- Contact Material Ag + Au.
- Contact Form..... SPDT.

Performance (at Initial Value)

- Contact Resistance 100mΩ
Max.@1A,6VDC
- Operate Time..... 5 mSec. Max.
- Release Time 5 mSec. Max.
- Dielectric Strength :
Between Coil & Contact 1,000VAC at 50/60 Hz
for one minute.
Between Contacts 400VAC at 50/60 Hz
for one minute.
- Surge Resistance 1,500V (between Coil
& Contact 1.2x50μSec.)
- Insulation Resistance 100 MegaΩ Min. at
500VDC.

- Max. On/Off Switching :
Electrical30 Ops per Minute.
Mechanical300 Ops per Minute.
- Temperature Range-30~70°C
- Humidity Range35~85% RH.
- Coil Temperature Rise40°C Max.
- Vibration :
Endurance.....10 to 55 Hz dual
amplitude width 1.5mm.
Error Operation10 to 55 Hz dual
amplitude width 1.5mm.
- Shock :
Endurance1,000 m/S² Min.
Error Operation100 m/S² Min.
- Life Expectancy :
Mechanical10⁷ Operations at No
Load condition.
Electrical10⁵ Operations at Rated
Resistive Load.
- Weight.....About 2 g.

Safety Standard & Its File Number

- C-UL.....E141060.

Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω±10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)			
ST-D	3	120	25	Abt.0.36	75% Maximum	5% Minimum	130%			
	5	71.4	70							
	6	60	100							
	9	40	225							
	12	30	400							
	24	15	1,600							
ST-T	3	67	45	Abt.0.2				75% Maximum	5% Minimum	130%
	5	40	125							
	6	33.3	180							
	9	22.5	400							
	12	16.7	720							
	24	8.3	2,880							
ST-L	3	50	60	Abt.0.15	80% Maximum	5% Minimum	130%			
	5	29.9	167							
	6	25.0	240							
	9	16.7	540							
	12	12.5	960							

Ordering Information

ST - SH - 2 12 D

Coil Type:

D: Standard DC Coil

T: Medium Sensitivity DC Type

L: High Sensitivity DC Type

Coil Voltage:

03: 3V, 05: 5V, 06: 6V, 09: 9V, 12: 12V, 24: 24V

Number of Pole:

1: One Pole

Type of Sealing:

SS: Flow Solder Type

SH: Plastic Sealed Type

Type:

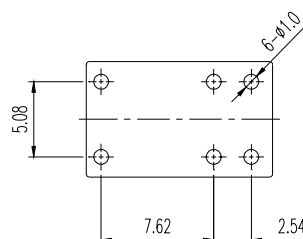
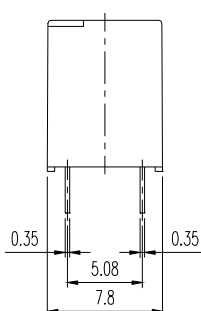
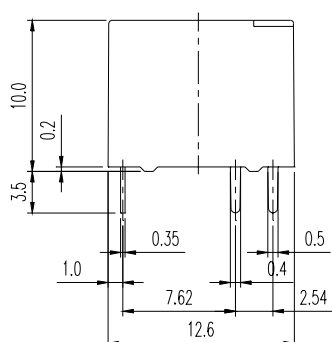
ST

Classification

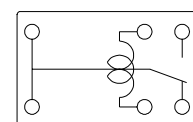
Model	ST		
Coil Type	Standard DC Coil	Medium Sensitivity DC Type	High Sensitivity DC Type
Flow Solder Type	ST-SS-1□□D	ST-SS-1□□T	ST-SS-1□□L
Plastic Sealed Type	ST-SH-1□□D	ST-SH-1□□T	ST-SH-1□□L

Dimension

ST-SS/SH



BOTTOM VIEW



BOTTOM VIEW