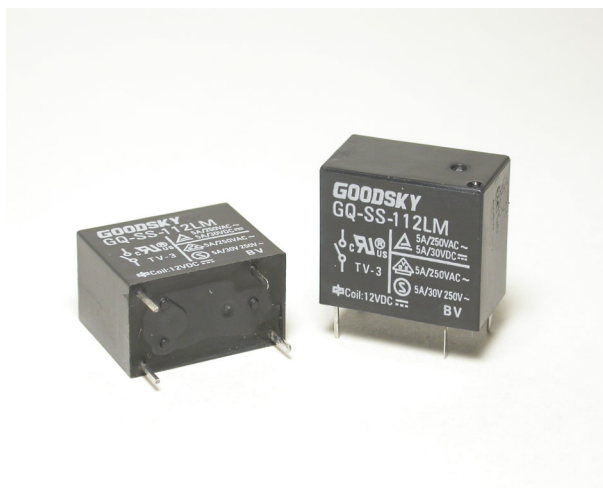




Main Feature

1. The Contact form construction is 1a (SPST).
2. Miniature size with high sensitive type 200mW, high contact reliability with sealed type.
3. The Surge Resistance of GQ Series is 10,000V.
4. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.

Application

Domestic Appliances, Office Machines, Audio Equipment, etc.

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity5A at 250VAC.
10A at 120VAC.
10A at 30VDC.
TV-5 at 120VAC.
- Rated Carrying Current10A.
- Max. Allowable Current10A.
- Max. Allowable VoltageAC 250V, DC 30V.
- Max. Allowable Power Force.1,250 VA, 300W.
- Min. Switching LoadDC 5V, 10mA.
- Contact MaterialAg Alloy.
- Contact Form.....SPST.

Performance (at Initial Value)

- Contact Resistance100m Ω Max. @1A,6VDC
- Operate Time10 mSec. Max.
- Release Time5 mSec. Max.
- Dielectric Strength :
Between Coil & Contact4,000VAC at 50/60 Hz
for one minute.
Between Contacts1,000VAC at 50/60 Hz
For one minute.
- Surge Resistance10,000V (between coil
& contact 1.2x50 μ Sec.)
- Insulation Resistance.....100 Mega Ω Min. at
500VDC.
- Max. On/Off Switching :
Electrical30 Ops per Minute.
Mechanical300 Ops per Minute.

- Temperature Range..... -40~70°C
- Humidity Range..... 45~85% RH.
- Coil Temperature Rise 40°C Max.
- Vibration :
Endurance..... 10 to 55 Hz dual
amplitude width 1.5mm.
Error Operation..... 10 to 55 Hz dual
amplitude width 1.5mm.
- Shock :
Endurance 1,000 m/S² Min.
Error Operation..... 100 m/S² Min.
- Life Expectancy :
Mechanical 10⁷ Operations at No
Load condition.
Electrical 10⁵ Operations at
Rated Resistive Load.
2.5x10⁴ Operations at
TV Rated Load.
- Weight..... About 9.0 g.

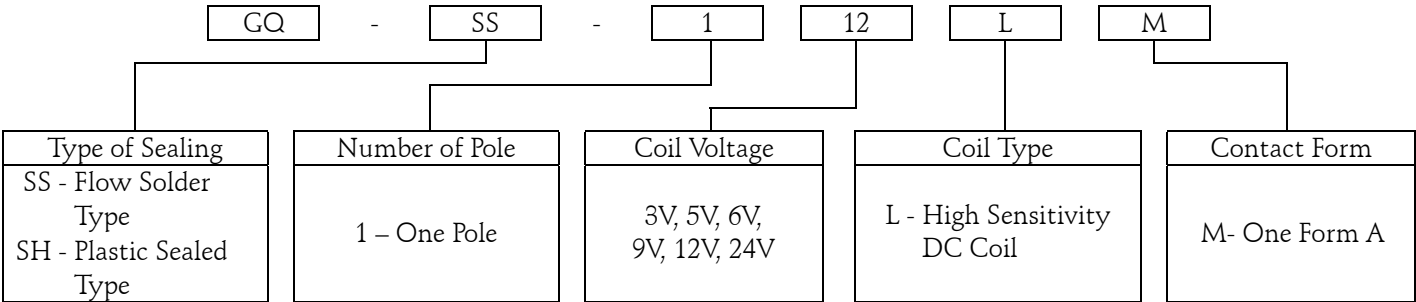
Safety Standard & Its File Number:

- C-UL E175730
- TÜV R9750747
- VDE..... 40002204
- SEMKO 9837061/01

Coil Specification (at 20°C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
GQ	3	67	45	Abt. 0.20	80% Maximum	5% Minimum	110%
	5	40	125				
	6	33.3	180				
	9	22.5	400				
	12	16.7	720				
	24	8.3	2,800				

Ordering Information:



Dimension:

GQ-SS/SH

