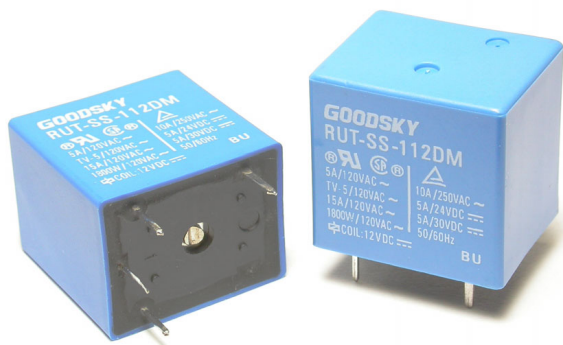




Main Feature

1. The employment of suitable plastic material is applied under high temperature condition and various chemical solution.
2. Complete protective construction is designed from dust and soldering flux. Flow solder type is available for dust and soldering flux prevention. Plastic sealed type is also available for simple washing procedure.
3. 1/2 Horse Power for RUT Series is approved by UL.
4. 120VAC, 15A Tungsten (1800W) is certified by UL & CSA.

Application

Remote Control TV receivers, monitor displays, Audio Equipment and high Inrush Current use application.

Contact Rating

- Nominal Load (Resistive Load $\cos \varphi = 1$)
Contact Capacity10A at 250VAC.
5A at 24VDC.
TV-5 at 120VAC.
TV-8 at 120VAC
1800W at 120VAC
- Rated Carrying Current5A.
- Max. Allowable Current5A.
- Max. Allowable VoltageAC 250V, DC 110V.
- Max. Allowable Power Force.1,800 VA, 300W.
- Min. Switching LoadDC 10V, 10mA.
- Contact MaterialAg Alloy.
- Contact Form.....SPST.

Performance (at Initial Value)

- Contact Resistance100m Ω Max.@1A,6VDC
- Operate Time15 mSec. Max.
- Release Time5 mSec. Max.
- Dielectric Strength :
Between Coil & Contact1,500VAC at 50/60 Hz
for one minute.
- Between Contacts750VAC at 50/60 Hz
for one minute.
- Surge Resistance3,000V (between Coil
& Contact 1.2x50 μ Sec.)
- Insulation Resistance.....100 Mega Ω Min. at
500VDC.
- Max. On/Off Switching :
Electrical30 Ops. per Minute.

- Mechanical..... 300 Ops. per Minute.
- Temperature Range -30~70°C.
- Humidity Range 45~85% RH.
- Coil Temperature Rise..... 30°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 12.0 g.

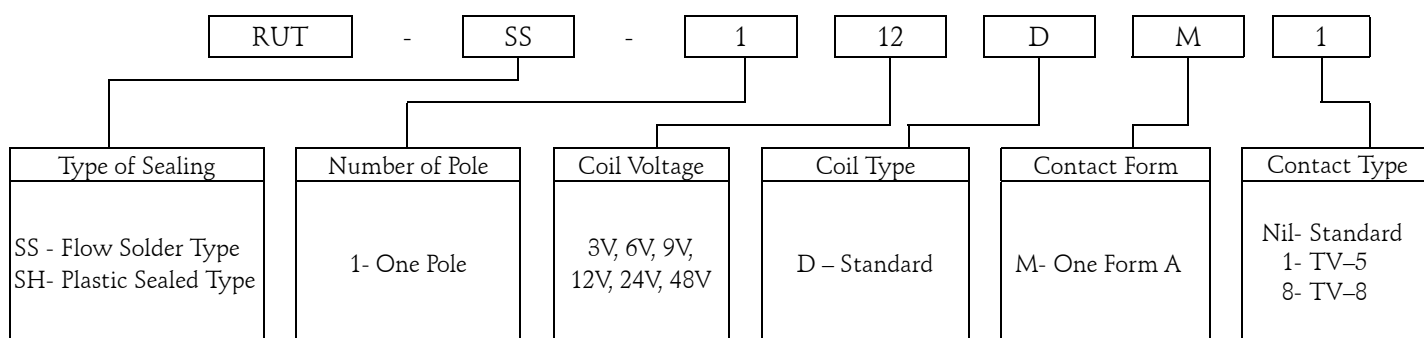
Safety Standard & Its File Number

- UL..... E141060.
- CSA LR76598.
- TÜV R9352326.

Coil Specification (at 20°C)

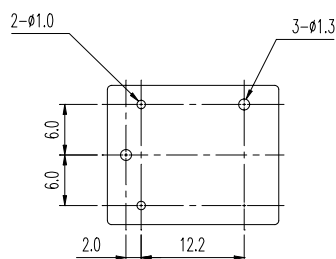
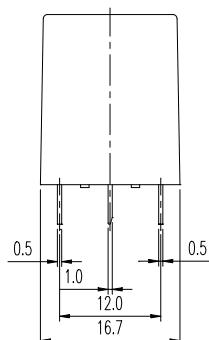
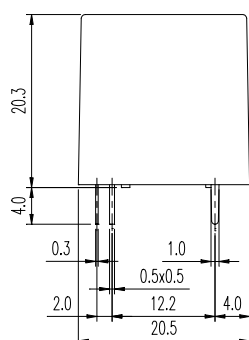
Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)			
RUT	3	120	25	Abt. 0.36	75% Maximum	5% Minimum	130%			
	6	71	70							
	9	40	225							
	12	30	400							
	24	15	1,600	Abt. 0.66						
	48	10	4,500							

Ordering Information:

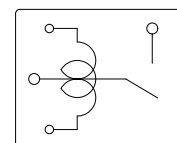


Dimension:

RUT-SS/SH



BOTTOM VIEW



BOTTOM VIEW

Reference Data:

