



File No.:E75887



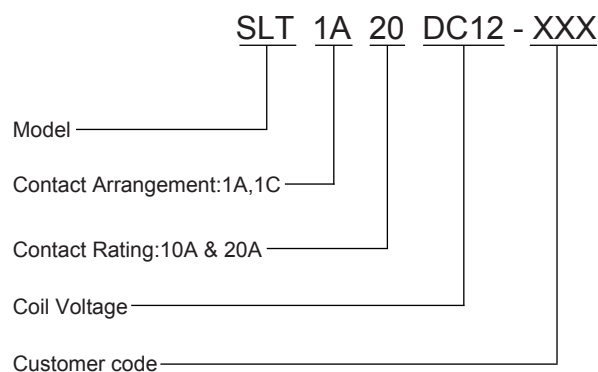
FEATURES

- Small size
- Light weight
- Low power consumption
- PC board mounting
- Fully sealed

CONTACT RATINGS

Contact Arrangement	1A,1C
Contact Resistance	100mΩ (1A 6VDC)
Contact Material	AgSnO
Contact Rating(Resistive)	20A/14VAC 10A/120VAC
Max. Switching Voltage	380VAC/42VDC
Max. Switching Current	20A
Max. Switching Power	1200VA/280W
Mechanical Life	1×10 ⁷ operations
Electrical Life	1×10 ⁵ operations

ORDERING INFORMATION



CHARACTERISTICS

Insulation Resistance		1000MΩ (at 500VDC)
Dielectric Strength	Between coil & contacts	500VAC 1min
	Between open contacts	500VAC 1min
Operate time (at nomi. volt.)		≤10ms
Release time (at nomi. volt.)		≤5ms
Humidity		85% RH(20°C)
Ambient temperature		-40°C ~ +85°C
Shock Resistance	Functional	98m/s²
	Destructive	980m/s²
Vibration resistance		10Hz ~ 55Hz 1.5mm DA
Unit weight		Approx. 6g
Construction		Sealed

COIL DATA

at 20°C

Nominal Voltage VDC	Pick-up Voltage (Max.) VDC	Drop-out Voltage (Min.) VDC	Max. Allowable Voltage VDC	Coil Resistance Ω±10%
6	4.8	0.30	6.6	60
9	7.2	0.45	9.9	135
12	9.6	0.60	13.2	240
24	19.2	1.20	26.4	960

Notes: 1) The data shown above are initial values.

2) Please find coil temperature curve in the characteristic curved below.

This datasheet is for customers' reference. All the specifications are subject to change without notice.



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RELAYS

SLT SERIES

SPDT

10,20 Amp

COIL

Coil Power	600mW
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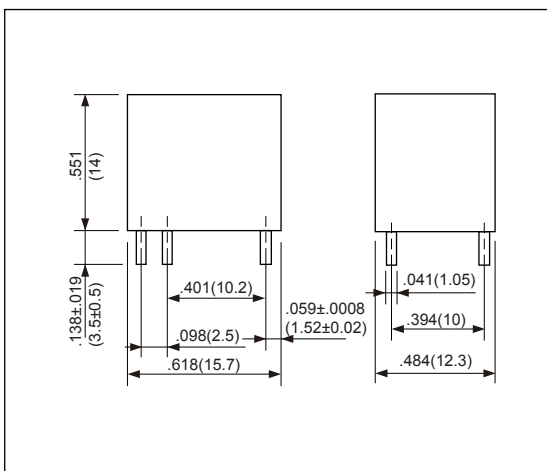
SAFETY APPROVAL RATINGS

UL&CUL	20A/14VDC 10A/120VAC 10A/14VDC 1/2HP 125VAC
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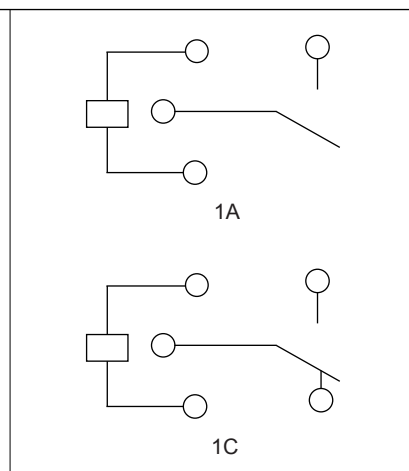
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT.

Unit: inch(mm)

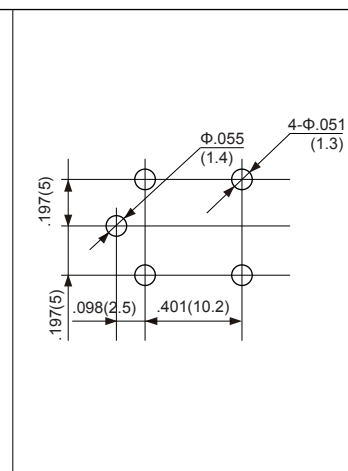
Outline Dimensions



Wiring Diagram
(Bottom view)



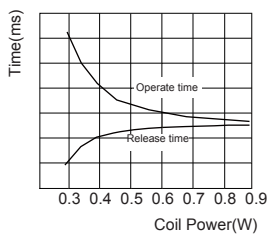
PCB Layout
(Bottom view)



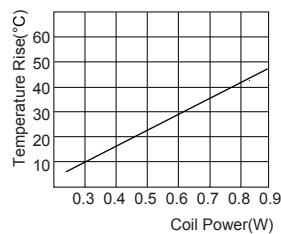
Remark:1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

CHARACTERISTIC CURVES

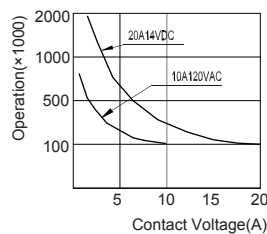
Operate time



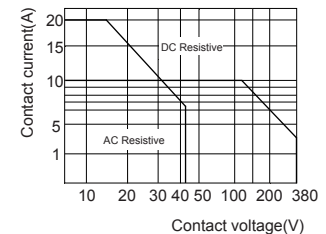
Coil Temp Rise



Life



Contact switching capacity



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