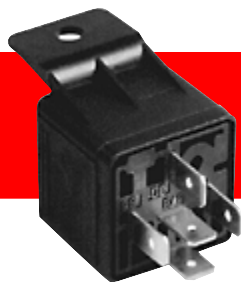


SKT

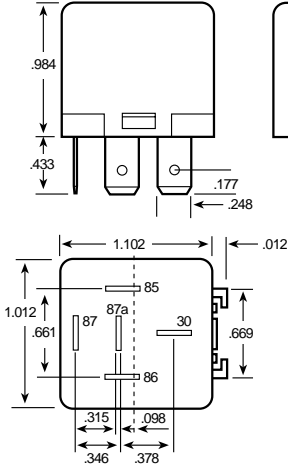


1A, 2A

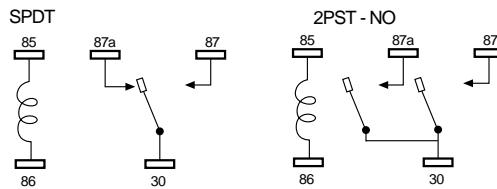


1C

SKT

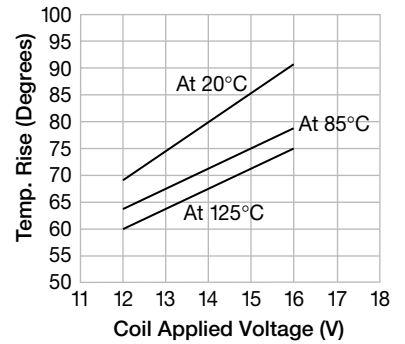


CONNECTION DIAGRAM (BOTTOM)

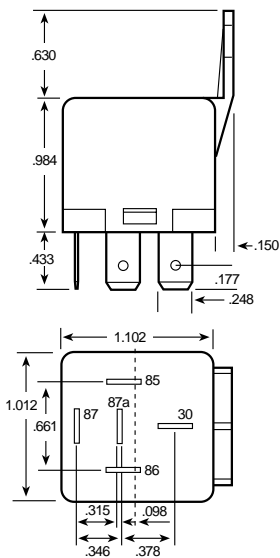


Reference Data

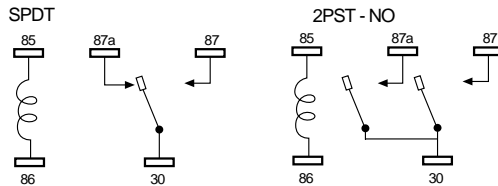
Coil Temperature Rise



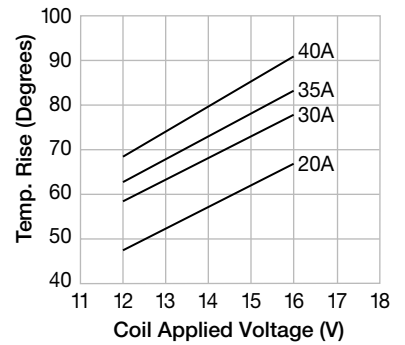
SKTT



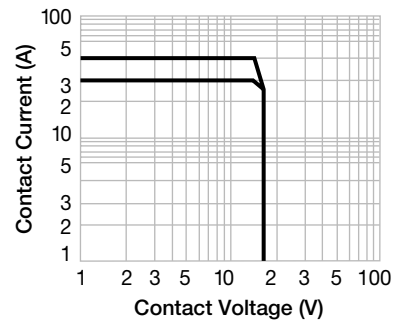
CONNECTION DIAGRAM (BOTTOM)



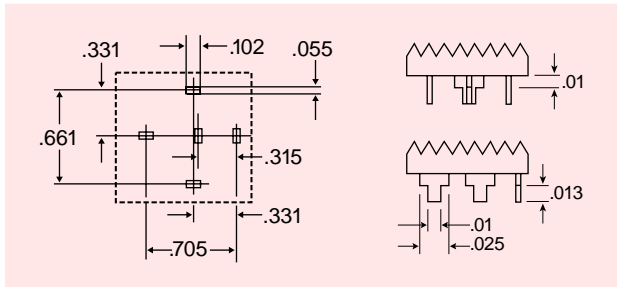
Coil Temperature Rise



Maximum Allowable Current



SKTB P.C. LAYOUT



Performance (At Initial Value)

ITEM	TYPE
	1A, 2A, 1C
Contact Resistance	50 m Ω Max.
Operate Time	7 ms Max.
Release Time	5 ms Max.
Dielectric Strength: Between Coil and Contact Between Contacts	750 V 50 Hz 500 V 50 Hz
Surge Resistance	2000 V (between coil and contact 1x40 μ sec.)
Insulation Resistance	100 M Ω Min. (500 VDC)
Max. ON/OFF Switching: Mechanically Electrically	300 operations/min. 30 operations/min.
Operating Ambient Temperature	-40°C to 100 °C
Operating Humidity	40 °C 85%
Coil Temperature Rise	UL Specs
Vibration: Endurance Error Operation	10 to 40 Hz Double Amplitude 1.5 mm 10 to 40 Hz Double Amplitude 1.5 mm
Shock: Endurance Error Operation	147 m/s ² 11 ms 10 G Min.
Life Expectancy: Mechanically Electrically	10,000,000 operations/min. (no load) 100,000 operations/min. (at rated load)
Weight	About 30 grams

SKT

Socket:
PC Mount
- UC3001
Plugin
- UC3003
or CS3770

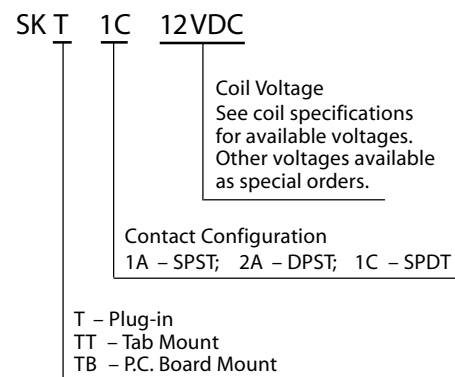
Coil Specification (At 20°C)

TYPE	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ohm ±10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
SKT, SKTT SKTB	12	133	90	1.6	75% Max.	5% Min.	130% of Rated Voltage
	24	67	360				

Contact Rating

ITEM	TYPE
	SKT/SKTT/SKTB
Contact Capacity Resistive Load (Cos. φ = 1) Inductive Load (Cos. φ = 0.4 L/R = 7 msec.)	See Chart See Chart
Rated Carrying Current	40 A
Max. Allowable Voltage	DC 75 V
Max. Allowable Current	630 W
Contact Material	Ag · SnO ₂

Ordering Information



UL #E96834(M) (U.S. & Canada)

C.S.A. #LR83798-1