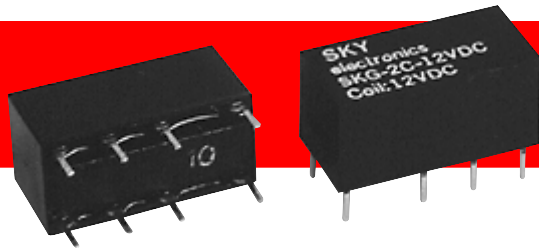
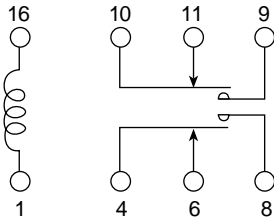
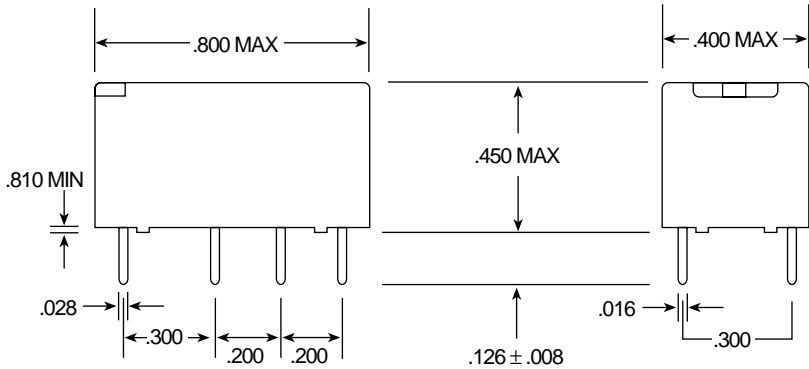


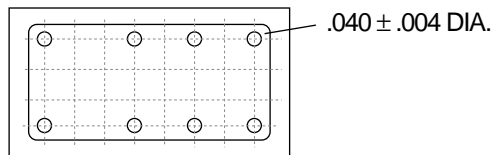
SKG



SKG-SS

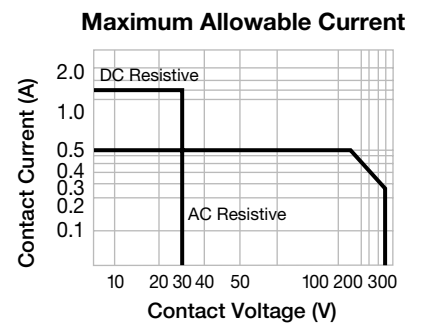
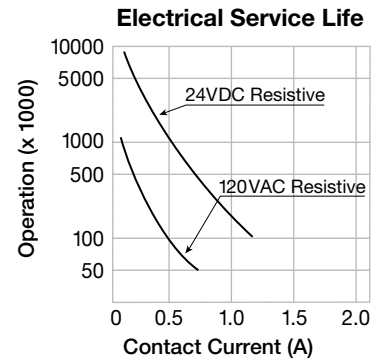
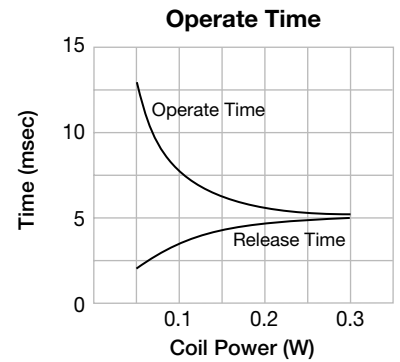
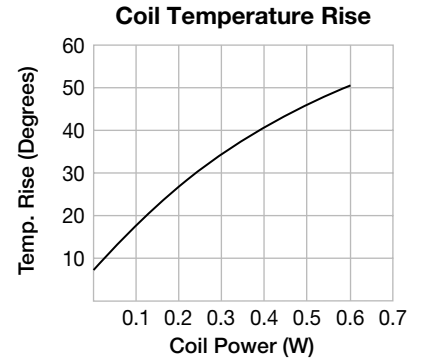


RELAY DRILLING PLAN



Minimum recommended pitch for adjacent relays on printed boards .900 x .500 in. → ← .100

Reference Data



Performance (At Initial Value)

ITEM	TYPE
	SKG
Contact Resistance	≤100 mΩ Max.
Operate Time	≤6 ms
Release Time	≤5 ms
Dielectric Strength: Between Coil and Contact Between Contacts	1000 V, 50 Hz 500 V, 50 Hz
Surge Resistance	1500 V (between coil and contact)
Insulation Resistance	1000 MΩ Min. (500 VDC)
Max. ON/OFF Switching: Mechanically Electrically	300 ops/min 60 ops/min
Operating Ambient Temperature	-30°C ~70°C
Operating Humidity	85% at 40°C
Coil Temperature Rise	UL Specs
Vibration: Endurance Error Operation	10 to 55 Hz Dual Amplitude 1.5 mm 10 to 55 Hz Dual Amplitude 1.5 mm
Shock: Endurance Error Operation	20 G Min. 5 G Min.
Life Expectancy: Mechanically Electrically	10 ⁷ operations/min. (no load) 10 ⁵ operations/min. (at rated coil voltage)
Weight	About 5 grams

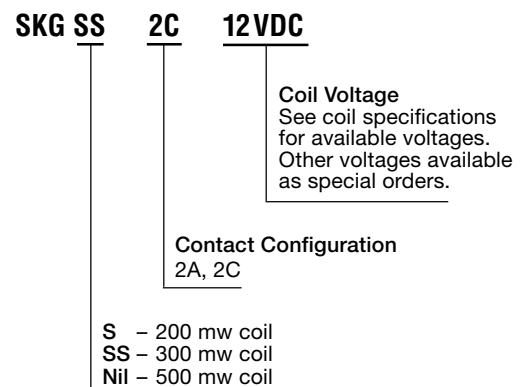
Coil Specification (At 20°C)

TYPE	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%			Must Operate Voltage (VDC) (Max)	Must Release Voltage (VDC) (Min)	Maximum Voltage (VDC)	Coil Power (W)		
		SKG	SKG-S	SKG-SS				SKG	SKG-S	SKG-SS
SKG	3	17.5	25	45	2.25	0.3	130% of Rated Voltage	0.51	0.36	0.2
	5	49	70	125	3.50	0.5				
	6	71	100	180	4.20	0.6				
	12	282	400	720	8.40	1.2				
	24	1130	1600	2880	16.8	2.4				
	48	4518	6400	11520	36.0	4.8				

Contact Rating

ITEM	TYPE
	SKG
Contact Capacity Resistive Load (Cos. ϕ = 1) Inductive Load (Cos. ϕ = 0.4 L/R = 7 msec.)	See Chart See Chart
Rated Carrying Current	1.25 A
Max. Allowable Voltage	DC 24 V, AC 220 V
Max. Allowable Current	48 W, 60 A
Contact Material	AgPd+Au

Ordering Information



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