

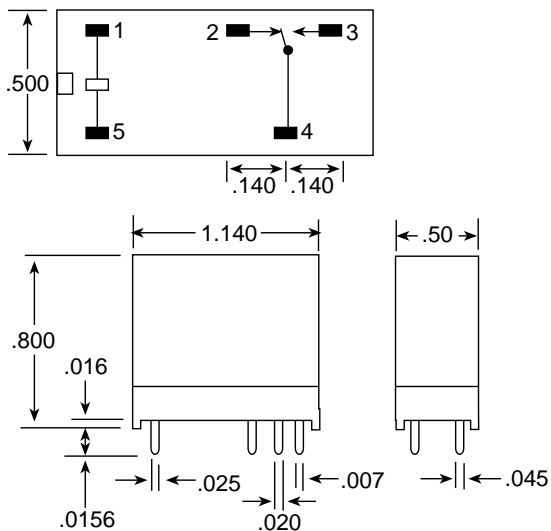
SKEB



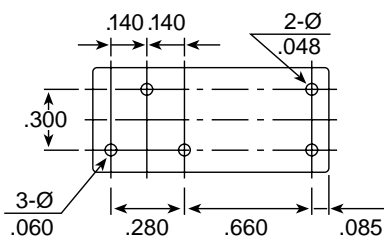
SKED-1C

SKED-2C

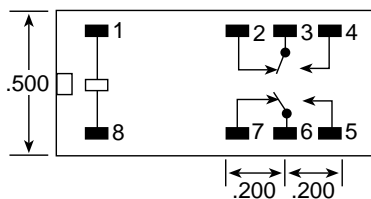
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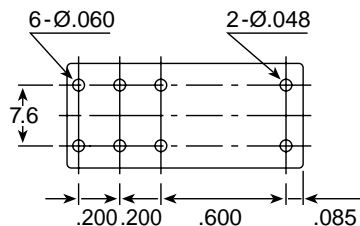
BOTTOM VIEW



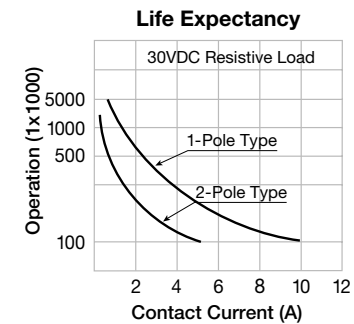
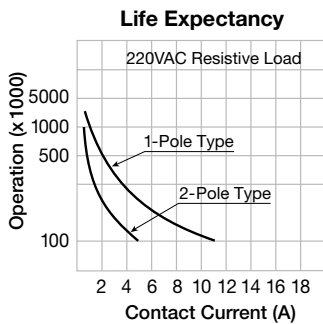
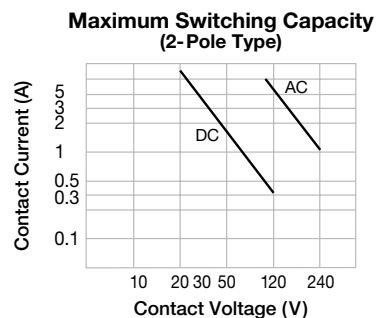
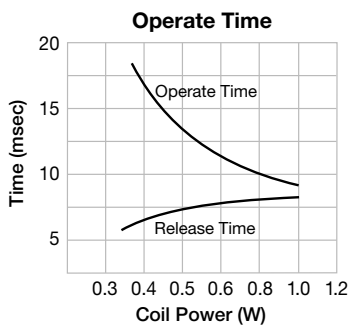
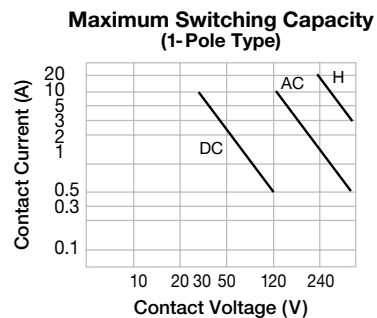
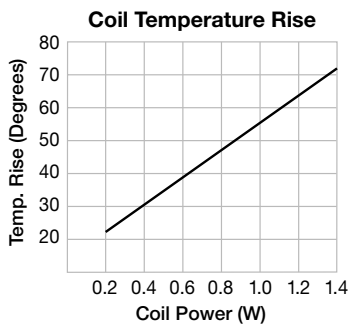
SKED-2C



BOTTOM VIEW



Reference Data



sky
electronics
INTERNATIONAL

Performance (At Initial Value)

ITEM	TYPE
	SKEB
Contact Resistance	100 mΩ Max.
Operate Time	20 mSec. Max.
Release Time	8 mSec. Max.
Dielectric Strength: Between Coil and Contact Between Contacts	5000 VAC at 50 Hz 1000 VAC at 50 Hz
Surge Resistance	10,000 V (between coil and contact 1 x 40 msec)
Insulation Resistance	100 MΩ Min. at 500 VDC
Max. ON/OFF Switching: Mechanically Electrically	30 operations/min. 300 operations/min.
Operating Ambient Temperature	-30°C to 55°C
Operating Humidity	45% to 85% RH
Coil Temperature Rise	45°C Max.
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	100 G Min. 10 G Min.
Life Expectancy: Mechanically Electrically	10 ⁷ operations/min. (no load) 10 ⁵ operations/min. (at rated load)
Weight	13 grams

SKEB

Coil Specification (At 20°C)

Type	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω ± 10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
SKEB SKEBH	3	176.5	17	About 0.54	80% Maximum	5% Minimum	130%
	5	106.4	47				
	6	88	68				
	9	58	155				
	12	44.4	270				
	24	21.8	1100				
	48	10.9	4400				

Contact Rating

ITEM	TYPE
	SKEB SKEBH
Contact Capacity Resistive Load (Cos. φ = 1) Inductive Load (Cos. φ = 0.4 L/R = 7 msec.)	See Chart See Chart
Rated Carrying Current	SPDT: 10 A SPDT: 16 A SPST-NO: 10 A, TV-8 SPST-NO: 16 A DPDT: 5 A — DPST-NO: 5 A, TV-3 —
Max. Allowable Voltage	DC 110 V, AC 250 V
Max. Allowable Current	Std: 10 A; H: 16 A
Max. Allowable Power Force	Std: 1200 VA, 300 W H: 1800 VA, 400 W
Referential Min. Applicable Load	10 mA; 10 VDC
Contact Material	AgSnO ₂

Ordering Information

SKEB H 1C 12VDC

Coil Voltage
See coil specifications for available voltages. Other voltages available as special orders.

Contact Configuration
1A, 1C, 2A, 2C

Blank – No option
H – 1A or 1C 16 Amp

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