

# S1K

# PIC RELAY

## Subminiature SPDT RELAY

### FEATURES

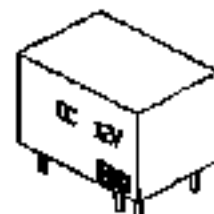
Low coil power consumption

Small size and low cost

PCB mounting, DIL pitch terminal

Standard and high sensitive operation use

Dust cover or sealed type



 Recognized

### SPECIFICATIONS

#### COIL RATING

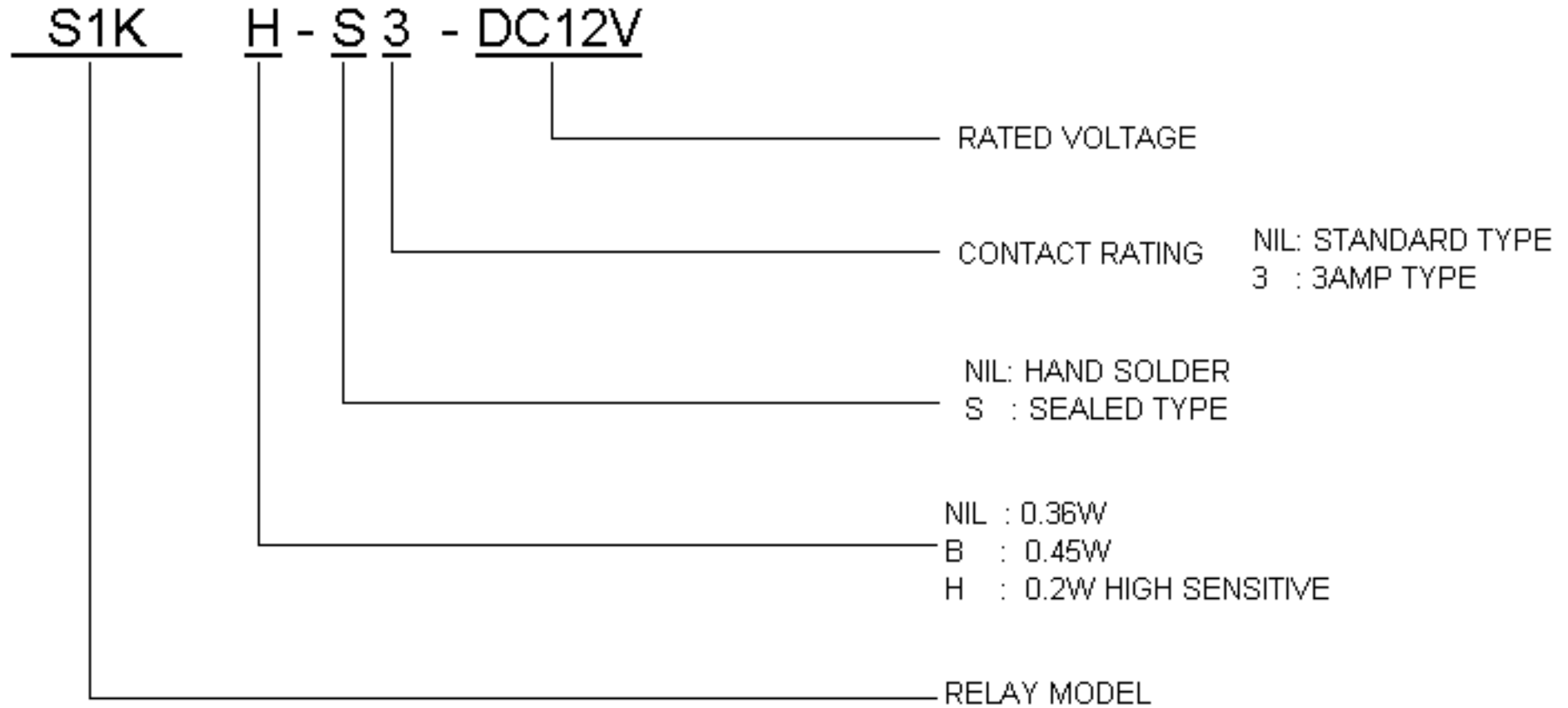
RATED VOLTAGE (V DC)	COIL RESISTANCE $\Omega$ +/- 10 %			MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION
	S1KB	S1K	S1KH	% OF RATED VOLTAGE (AT +20°C)			(W)
3	20	25	45	75 Max.	10 Min.	110 Max.	S1KB: 0.45 S1K : 0.36 S1KH: 0.20
5	56	70	120				
6	80	100	180				
9	180	220	400				
12	320	400	700				
24	1280	1600	2800				

#### CHARACTERISTICS

Contact Arrangement	SPDT (1 Form C)
Contact Material	Silver Alloy (Gold Flash)
Contact Resistance	50m $\Omega$ Max.
Contact Rating (Resistive Load)	S1K/S1KH/S1KB                      1A 125VAC / 30VDC S1K-3/S1KH-3/S1KB-3            3A 125VAC / 30VDC S1KB-5                                5A 125VAC / 14VDC
Switching Voltage	DC60V Max.    AC220V Max.
Operate Time	5ms Max.
Release Time	5ms Max.
Insulation Resistance	100M $\Omega$ Min. ( 500V DC)
Dielectric Strength	500Vrms, 1 minute between open contacts 500Vrms, 1 minute between coil and contact
Shock Resistance	10g Approx.
Vibration	10-55Hz, Double amplitude 1.5mm
Ambient Temperature	-25°C to +75°C
Operation Life	Mechanical : 10 <sup>7</sup> Electrical : 10 <sup>6</sup>
Weight	4g Approx.

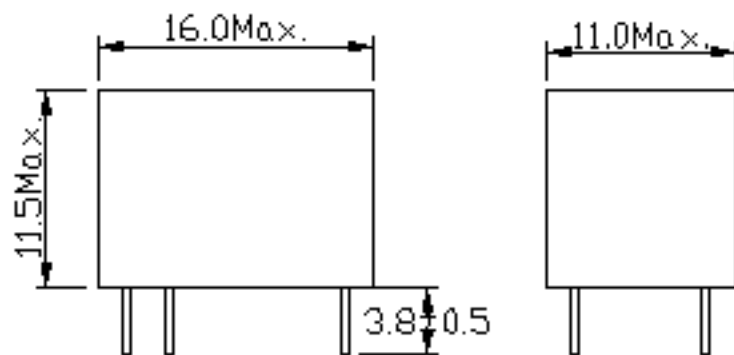
[Specifications are subject to change without notices.]

## ORDERING INFORMATION

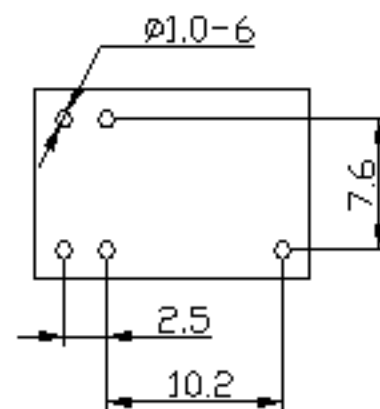


(i.e. S1KH-S3-DC12V is a SPDT, high sensitive 0.2W, 3Amp, fully sealed and 12VDC coil relay.

## DIMENSIONS (UNIT:mm)



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

