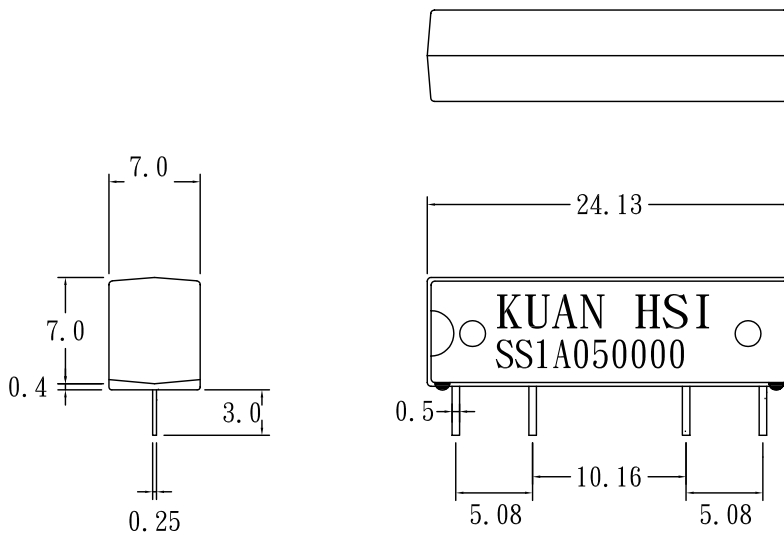


# PRODUCT SPECIFICATION

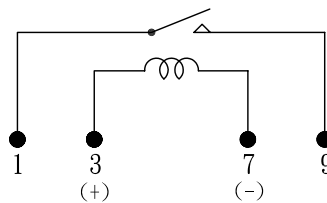
COSMO ELECTRONICS CORPORATION	REED RELAY:	NO. 50R06001	REV.
	SS1A050000	SHEET 1 OF 3	5

## 1. OUTSIDE DIMENSION : UNIT ( mm )



TOLERANCE :  $\pm 0.1\text{mm}$

## 2. SCHEMATIC : TOP VIEW



# PRODUCT SPECIFICATION

COSMO ELECTRONICS CORPORATION	REED RELAY:	NO. 50R06001	REV.
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## 3.0 COIL RATINGS: (AT 20°C)

3.1	Coil resistance	500	$\Omega$ ( $\pm 10\%$ )
3.2	Nominal coil voltage	5	VDC
3.3	Maximum Continuous voltage	10	VDC
3.4	Must operate	3.75	VDC
3.5	Must release	1.0	VDC
3.6	Rated current	10	mA

## 4.0 ELECTRONICAL CHARACTERISTICS:

4.1	Contact resistance	(2V 100mA)	100	m $\Omega$ (max)
4.2	Operate time		0.5	ms (max)
4.3	Bounce time		0.5	ms (max)
4.4	Release time		0.2	ms (max)
4.5	Insulation resistance	(100 VDC open contact)	$10^{11}$	$\Omega$ (min)
4.6	Power		10	VA (max)
4.7	Switching voltage		200	VDC (max)
4.8	Switching current		0.5	A (max)
4.9	Carry current		1.0	A (max)
4.10	Breakdown voltage	(across open contact)	250	VDC (min)
		(between coil & contact)	2500	VDC (min)
4.11	Life expectancy	(signal level)	$10^8$	
4.12	Operating temp		-40 to 85°C	
4.13	Storage temp		-40 to 125°C	
4.14	Resonant frequency		3.5	KHZ
4.15	Vibration (10-2000HZ)		20	g (max)
4.16	Minimum permissible load		100	mVDC 10uA

# PRODUCT SPECIFICATION

<b>cosmo</b> ELECTRONICS CORPORATION	Reed Relay :	NO.50R06001	REV.
	<b>SS1A050000</b>	SHEET 3 OF 3	5

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