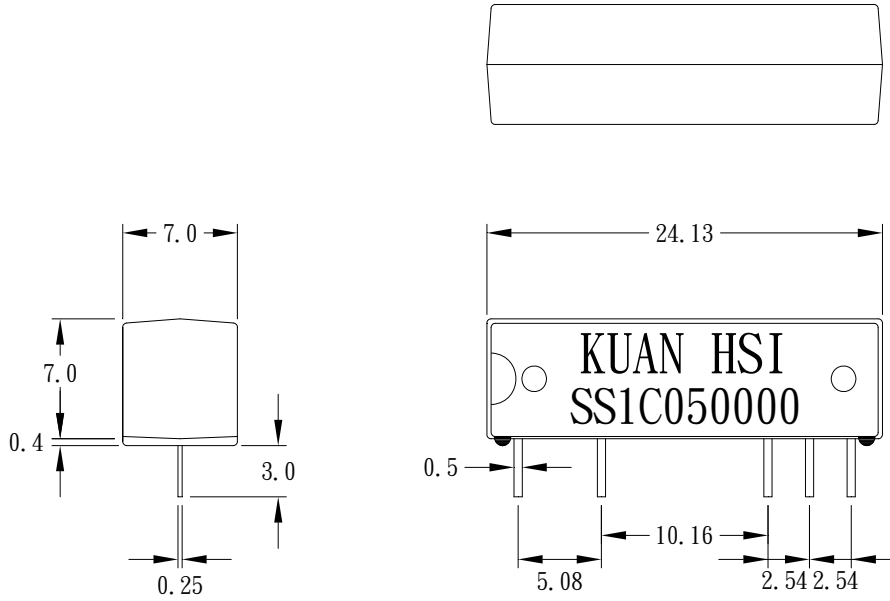


# PRODUCT SPECIFICATION

DATE: 06/10/11'

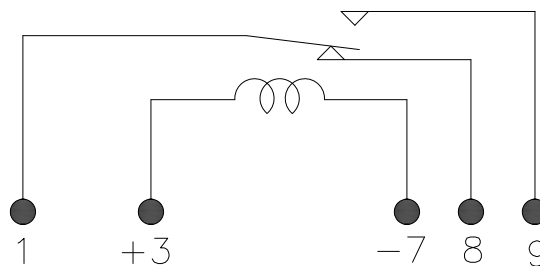
<b>cosmo</b> ELECTRONICS CORPORATION	Reed Relay :	NO. 50R06007	REV.
	<b>SS1C050000</b>	SHEET 1 OF 2	2

## 1. OUTSIDE DIMENSION : UNIT ( mm )



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

## 2. SCHEMATIC : TOP VIEW



# PRODUCT SPECIFICATION

DATE: 05/21/11'

<b>cosmo</b> ELECTRONICS CORPORATION	Reed Relay :	NO. 50R06007	REV.
	<b>SS1C050000</b>	SHEET 2 OF 2	2

## 3.0 COIL RATINGS : (AT 20°C)

3.1	Coil resistance	200 $\Omega$	( $\pm 10\%$ )
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	25	mA

## 4.0 ELECTRONICAL CHARACTERISTICS :

4.1	Contact resistance	150	m $\Omega$	(max)
4.2	Operate time	1.0	ms	(max)
4.3	Bounce time	2.0	ms	(max)
4.4	Release time	1.0	ms	(max)
4.5	Insulation resistance	(100 VDC open contact)	10 <sup>9</sup>	$\Omega$ (min)
4.6	Power	3	VA	(max)
4.7	Switching voltage	100	VDC	(max)
4.8	Switching current	0.25	A	(max)
4.9	Carry current	0.5	A	(max)
4.10	Breakdown voltage	(across open contact)	200	VDC (min)
		(between coil & contact)	1000	VDC (min)
4.11	Life expectancy	(signal level)	5x10 <sup>7</sup>	
4.12	Operating temp		-40 to 85	°C
4.13	Storage temp		-50 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