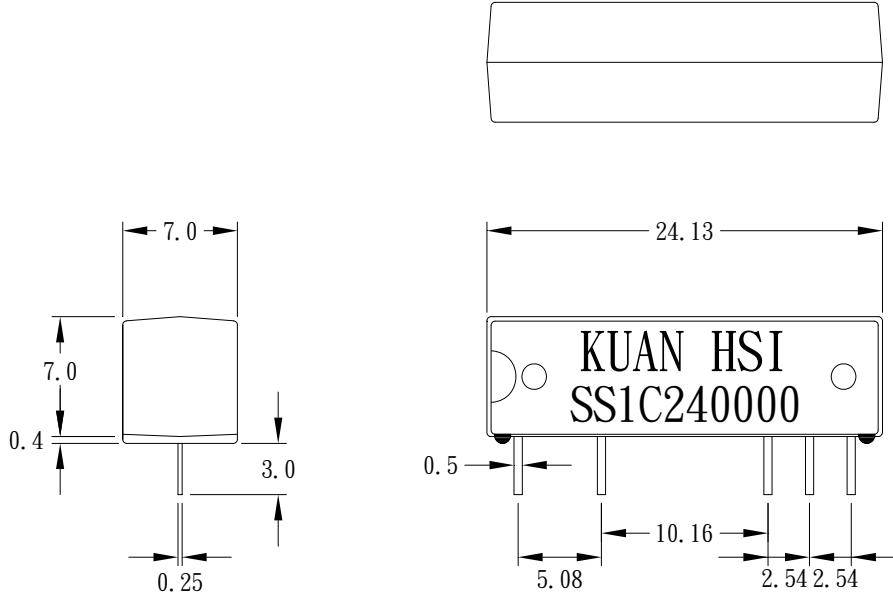


# PRODUCT SPECIFICATION

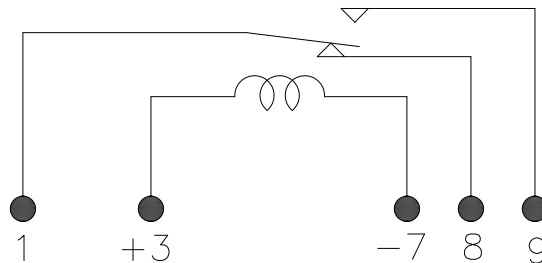
<b>cosmo</b> ELECTRONICS CORPORATION	Reed Relay :	NO. 50R06009	REV.
	<b>SS1C240000</b>	SHEET 1 OF 3	3

## 1. OUTSIDE DIMENSION : UNIT ( mm )



TOLERANCE :  $\pm 0.1$ mm

## 2. SCHEMATIC : TOP VIEW



# PRODUCT SPECIFICATION

<b>cosmo</b> ELECTRONICS CORPORATION	Reed Relay :	NO. 50R06009	REV.
	<b>SS1C240000</b>	SHEET 2 OF 3	3

## 3.0 COIL RATINGS : (AT 20°C)

3.1	Coil resistance	2000 $\Omega$	( $\pm 10\%$ )
3.2	Nominal coil voltage	24	VDC
3.3	Maximum Continuous voltage	28	VDC
3.4	Must operate	18	VDC
3.5	Must release	2.4	VDC
3.6	Rated current	12	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

# PRODUCT SPECIFICATION

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