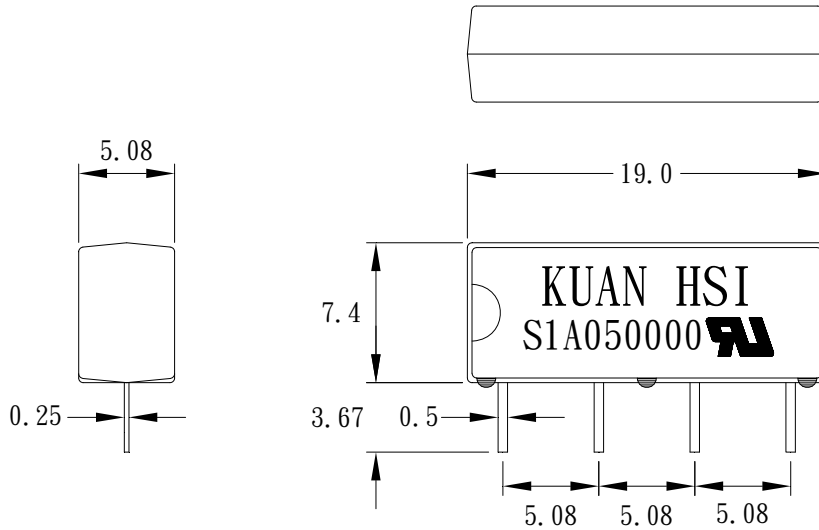


PRODUCT SPECIFICATION

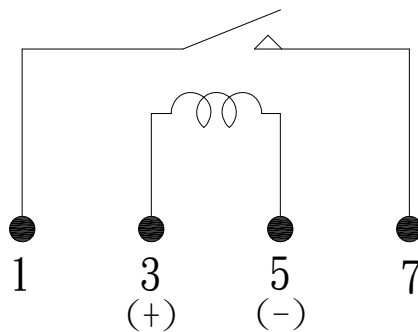
cosmo ELECTRONICS CORPORATION	Reed Relay :	NO. 50R05001	REV.
	S1A050000	SHEET 1 OF 3	7

1. OUTSIDE DIMENSION : UNIT (mm)



TOLERANCE : (1) 0. XX +/-0.1mm (2) X. XX +/-0.5mm (3) XX. XX +/-1.0mm

2. SCHEMATIC : TOP VIEW



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3.0 COIL RATINGS : (AT 20°C)

3.1	Coil resistance	500 Ω	($\pm 10\%$)
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	100	m Ω	(max)
4.2	Operate time	incl. bounce time	0.5	ms (max)
4.3	Release time		0.2	ms (max)
4.4	Insulation resistance	(100 VDC open contact)	10^{11}	Ω (min)
4.5	Power		10	VA (max)
4.6	Switching voltage		200	VDC (max)
4.7	Switching current		0.5	A (max)
4.8	Carry current		1.0	A (max)
4.9	Breakdown voltage	(across open contact)	250	VDC (min)
		(between coil & contact)	1000	VDC (min)
4.10	Life expectancy	(signal level)	5×10^7	
4.11	Operating temp		-40 to 85	$^{\circ}\text{C}$
4.12	Storage temp		-40 to 125	$^{\circ}\text{C}$
4.13	Resonant frequency		3.5	KHZ
4.14	Vibration (10-2000HZ)		20	g (max)
4.15	Minimum permissible load		100	mVDC 10uA

PRODUCT SPECIFICATION

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