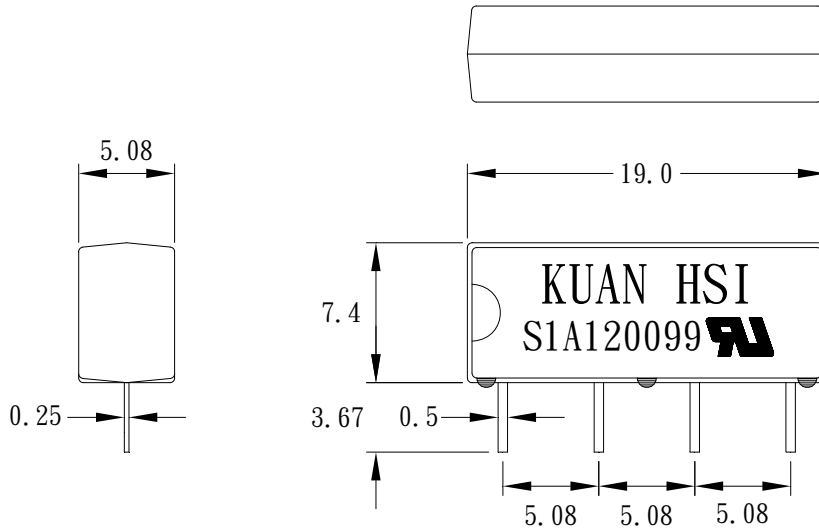


PRODUCT SPECIFICATION

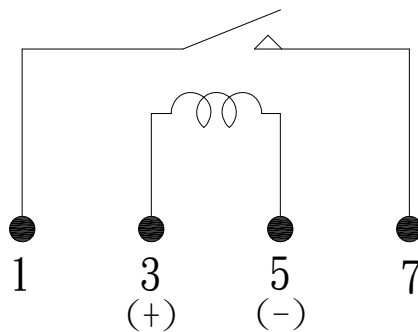
cosmo ELECTRONICS CORPORATION	Reed Relay :	NO. 50R05015	REV.
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1. OUTSIDE DIMENSION : UNIT (mm)



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	3000	Ω	(±10%)
3.2	Nominal coil voltage	12	VDC	
3.3	Maximum Continuous voltage	28	VDC	
3.4	Must operate	9	VDC	
3.5	Must release	1.2	VDC	
3.6	Rated current	4	mA	

4.0 ELECTRONICAL CHARACTERISTICS :

4.1	Contact resistance	100	mΩ	(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	Ω (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)	1000	VDC (min)
4.11	Life expectancy	(signal level)	10 ⁸	
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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