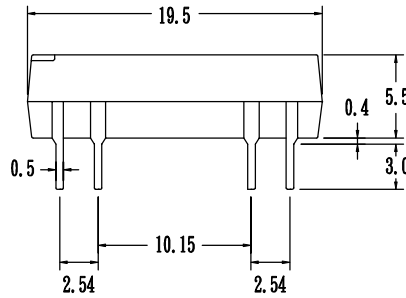
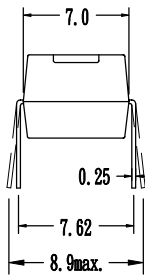
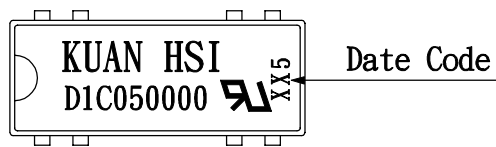


PRODUCT SPECIFICATION

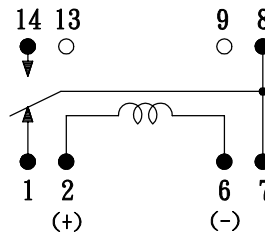
COSMO ELECTRONICS CORPORATION	REED RELAY: D1C050000	SHEET 1 OF 2
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1. OUTSIDE DIMENSION : UNIT (mm)



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

2. SCHEMATIC : TOP VIEW



PRODUCT SPECIFICATION

COSMO ELECTRONICS CORPORATION	REED RELAY: D1C050000	SHEET 2 OF 2
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3.0 COIL RATINGS: (AT 20°C)

3.1	Coil resistance	200	Ω	(±10%)
3.2	Nominal coil current	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	mΩ	(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	10 ⁹	Ω	(min)
	(100 VDC open contact)			
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	200	VDC	(min)
	(across open contact)			
	(between coil & contact)	500	VDC	(min)
4.11	Life expectancy	5*10 ⁷		(signal level)
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

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