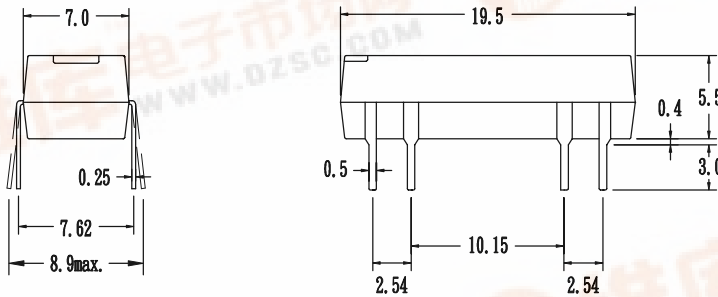
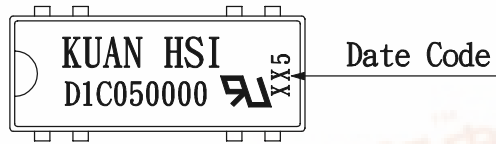


PRODUCT SPECIFICATION

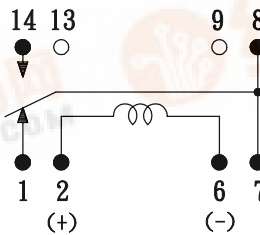
COSMO ELECTRONICS CORPORATION	REED RELAY: D1C050000	SHEET 1 OF 2
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1. OUTSIDE DIMENSION : UNIT (mm)



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	($\pm 10\%$)
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	m Ω	(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 ⁹	Ω	(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)	500	VDC	(min)
4.11 Life expectancy (signal level)	5*10 ⁷		
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