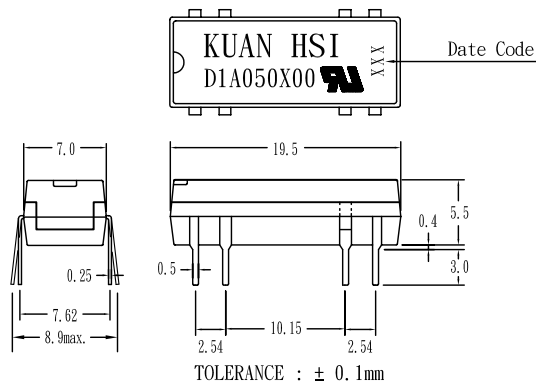


PRODUCT SPECIFICATION

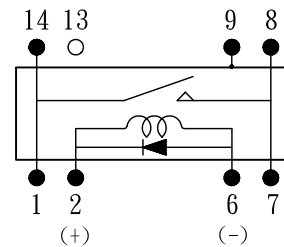
DATE: 11/25/02'

COSMO ELECTRONICS CORPORATION	REED RELAY: D1A050X00-04	NO. 50R01077	REV. 3
		SHEET 1 OF 1	

1. OUTSIDE DIMENSION: UNIT(mm)



2. SCHEMATIC: TOP VIEW



-Diode option

-Electrostatic Shield option

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 $\text{m}\Omega$ (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)	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)	500 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