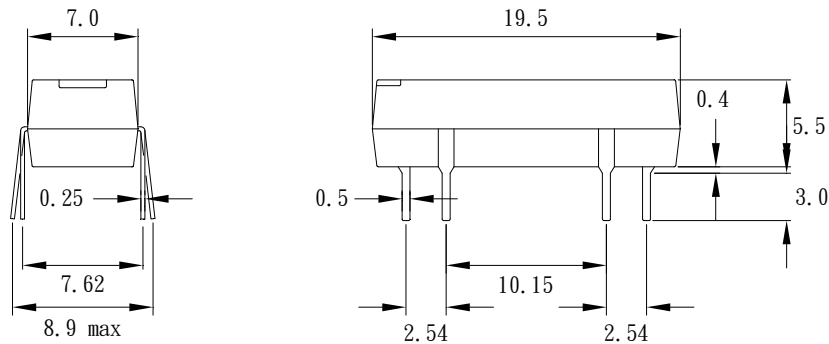


PRODUCT SPECIFICATION

DATE: 03/01/12'

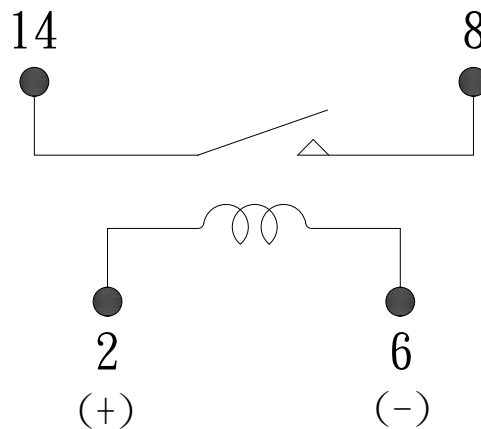
cosmo ELECTRONICS CORPORATION	Reed Relay :	NO. 50R03001	REV.
	DH1A050000	SHEET 1 OF 2	6

1. OUTSIDE DIMENSION : UNIT (mm)



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

2. SCHEMATIC : TOP VIEW



PRODUCT SPECIFICATION

DATE: 03/01/12'

cosmo ELECTRONICS CORPORATION	Reed Relay :	NO. 50R03001	REV.
	DH1A050000	SHEET 2 OF 2	6

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	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)	4000	VAC (RMS)
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