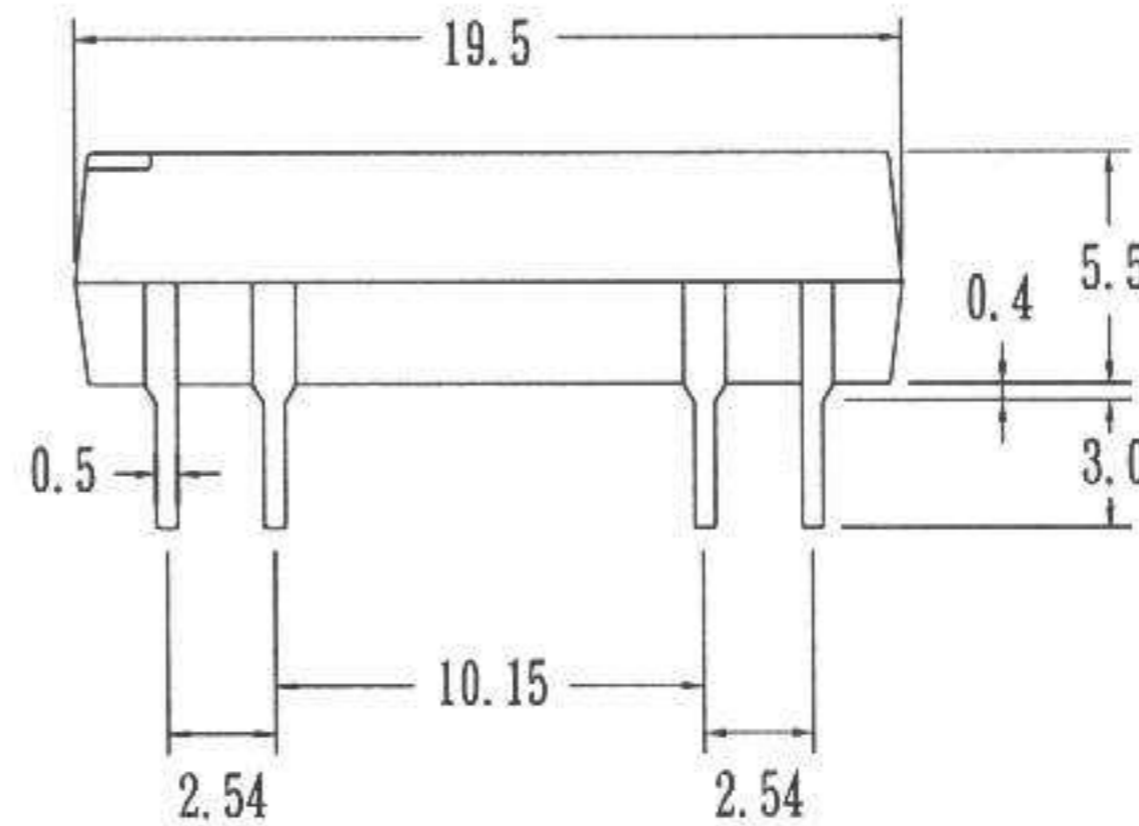
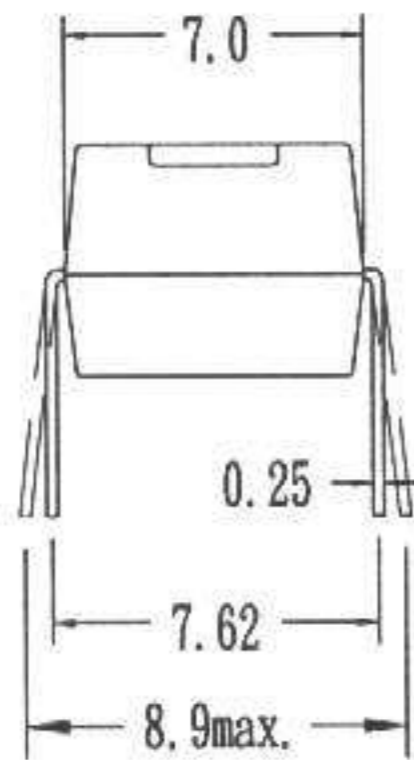


PRODUCT SPECIFICATION

DATE: 03/26/00'

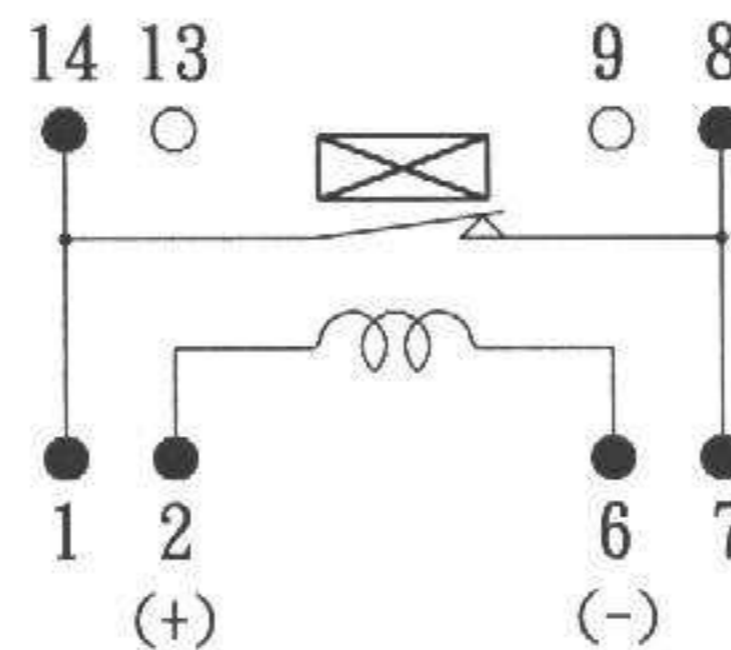
COSMO ELECTRONICS CORPORATION	REED RELAY: D1B120000	NO. 50R01008	REV. 2
		SHEET 1 OF 2	

1. OUTSIDE DIMENSION : UNIT (mm)



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

2. SCHEMATIC : TOP VIEW



ISSUE Dean. Yu. 03-28-00	CHECK Alen Lai 03-29-00	APPROVED Stan Hsu 4-1-00
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PRODUCT SPECIFICATION

DATE: 03/26/00'

COSMO	REED RELAY: D1B120000	NO. 50R01008	REV.
ELECTRONICS CORPORATION		SHEET 2 OF 2	2

3.0 COIL RATINGS: (AT 20°C)

3.1 Coil resistance	1000	Ω	(±10%)
3.2 Nominal coil current	12	VDC	
3.3 Maximum Continuous voltage	15	VDC	
3.4 Must operate	9	VDC	
3.5 Must release	1.2	VDC	
3.6 Rated current	12	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)
		500	VDC (min)
		10 ⁸	
4.11 Life expectancy (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

ISSUE <i>Dean. Yu.</i> <i>03-28-00</i>	CHECK <i>Alan Lee 03-29-00</i>	APPROVED <i>Stem Hou 4-1-00</i>
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