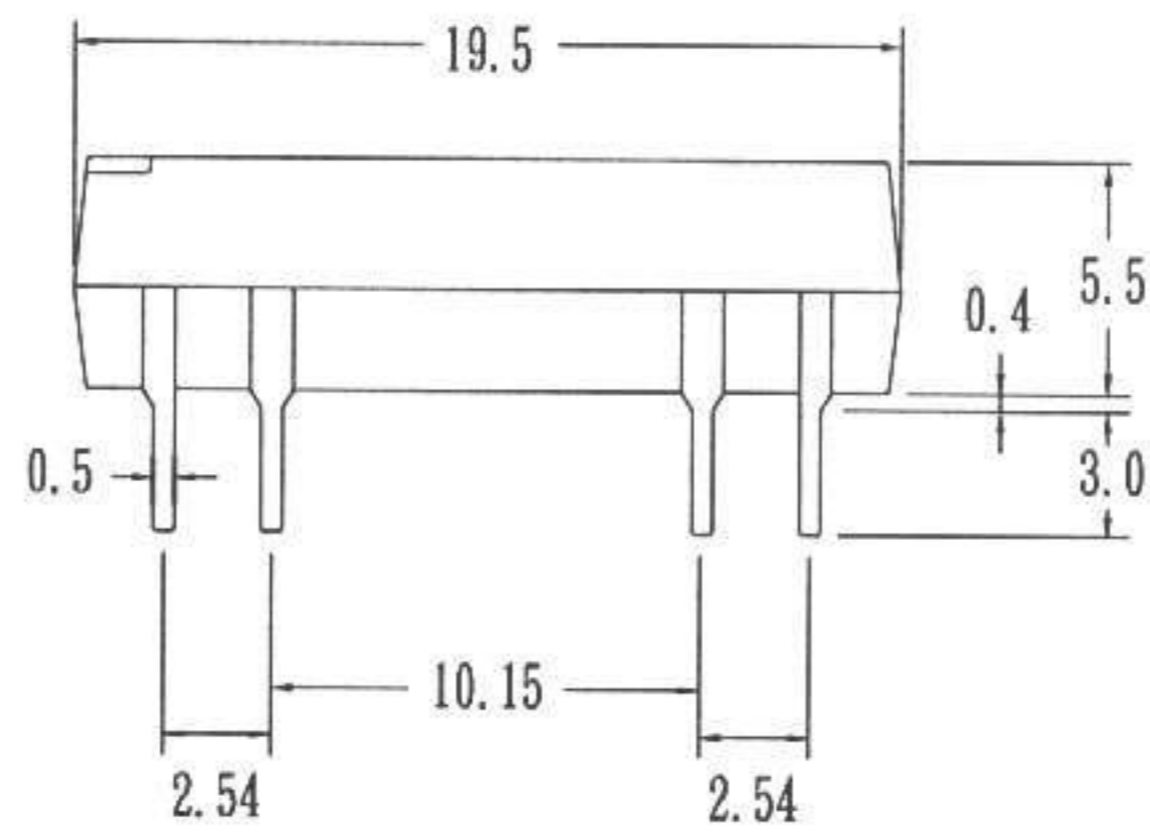
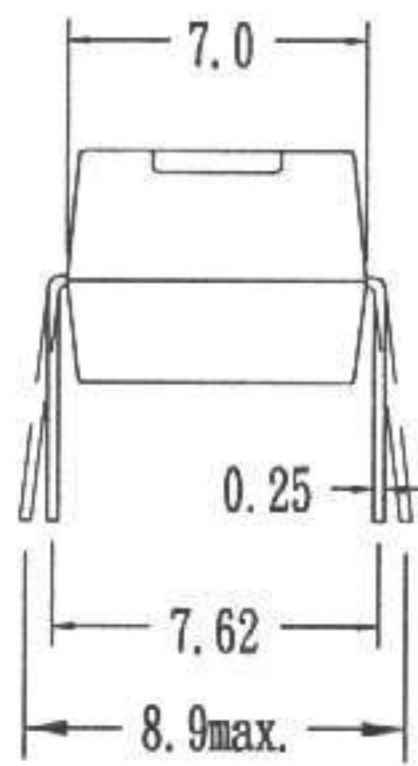


PRODUCT SPECIFICATION

DATE: 03/26/00'

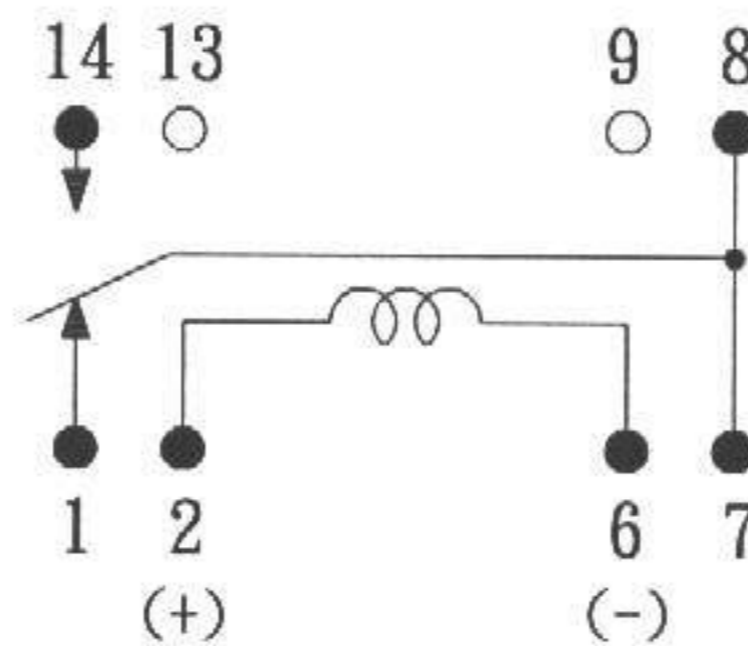
COSMO ELECTRONICS CORPORATION	REED RELAY: D1C120000	NO. 50R01020	REV.
		SHEET 1 OF 2	2

1. OUTSIDE DIMENSION : UNIT (mm)



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

2. SCHEMATIC : TOP VIEW



ISSUE <i>Dean. Yu.</i> <i>03-28-00</i>	CHECK <i>Alan Sei 03-29-00</i>	APPROVED <i>Stan Hsu 4/1/00</i>
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PRODUCT SPECIFICATION

DATE: 03/26/00'

COSMO	REED RELAY: D1C120000	NO. 50R01020	REV.
ELECTRONICS CORPORATION		SHEET 2 OF 2	2

3.0 COIL RATINGS: (AT 20°C)

3.1 Coil resistance	500	Ω	(±10%)
3.2 Nominal coil current	12	VDC	
3.3 Maximun Continuous voltage	20	VDC	
3.4 Must operate	9	VDC	
3.5 Must release	1.2	VDC	
3.6 Rated current	24	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 (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

ISSUE <i>Dean. Yu.</i> <i>03-28-00</i>	CHECK <i>Alan Lai 03-29-00</i>	APPROVED <i>Sten Hsu 4-1-00</i>
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