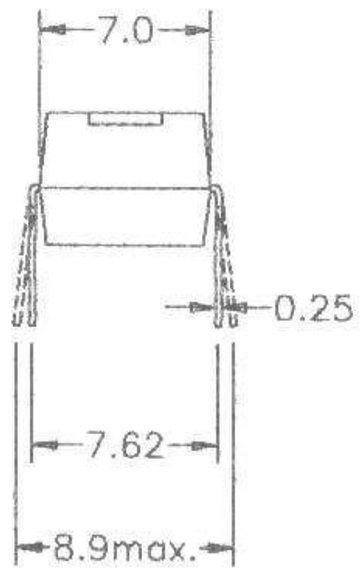
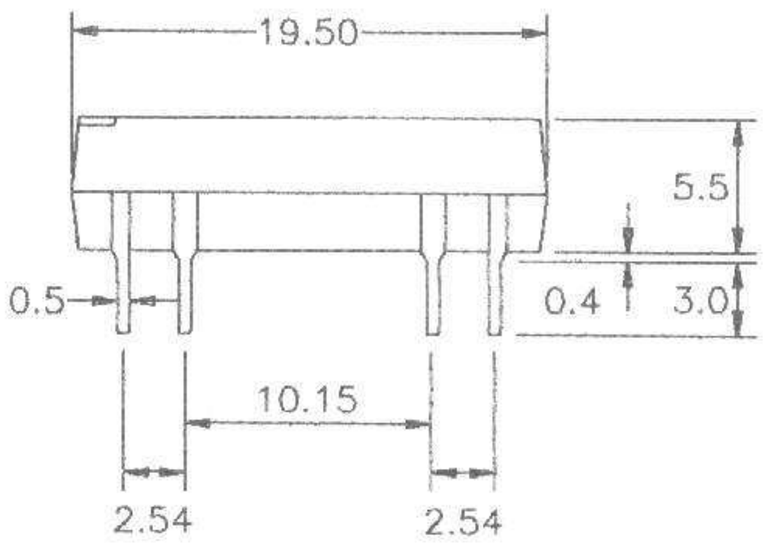
PRODUCT SPECIFICATION

DATE: 11/05/1998

COSMO ELECTRONICS CORPORATION	Reed Relay : D1A121000	NO. 50R02002	REV. 2
		SHEET 1 OF 2	

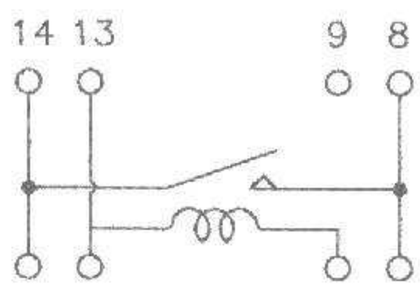
1. OUTSIDE DIMENSION : UNIT (mm)





TOLERANCE : ±0.1mm

2. SCHEMATIC : TOP VIEW



ISSUE Alan Lai 5-11-'98	CHECK Alan Lai 5-11-'98	APPROVED 82.5.28

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3.0 COIL RATINGS: (AT 20℃)

3.1	Coil resistance	1000	(Ω ± 10 %)
3.2	Nominal coil voltage	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	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)	11 10	(Ω min)
4.6	Power	15	(VA max)
4.7	Switching voltage	200	(VDC max)
4.8	Switching current	1.0	(A max)
4.9	Carry current	1.25	(A max)
4.10	Breakdown voltage (across open contact)	250	(VDC min)
	(between coil & contact)	500	(VDC min)
4.11	Life expectancy (signal level)	8 10	
4.12	Operating temp.	-40	to 85℃
4.13	Storage temp.	-50	to 125℃
4.14	Resonant frequency	3.5	(KHZ)
4.15	Vibration (10 - 2000 HZ)	20	(g max)
4.16	Minimum permissible load	100	mVDC 10uA

ISSUE	CHECK	APPROVED
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