PRODUCT SPECIFICATION

DATE: 03/01/12'

COSMO
ELECTRONICS CORPORATION

Reed Relay:

DH1A050000

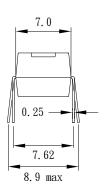
NO. 50R03001

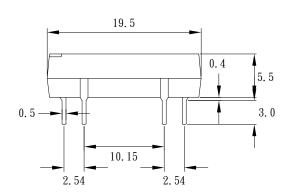
SHEET 1 OF 2

REV.

1. OUTSIDE DIMENSION : UNIT (mm)

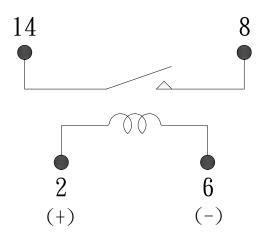






TOLERANCE : ±0.1mm

2. SCHEMATIC: TOP VIEW



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COSMO ELECTRONICS CORPORATION		Reed Relay:	NO.	NO. 50R03001 SHEET 2 OF 2		REV.	
		DH1A050000	SHE			6	
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3.0	COIL RATINGS: (AT 2	0℃)					
	•		500		4-4-04		
3.1	Coil resistance			Ω	(±10%)		
3.2	S			VDC			
3.3	G			VDC			
3.4	Must operate		3.75	VDC			
3.5	Must release		1.0	VDC			
3.6	Rated current		10	mA			
4.0	ELECTRONICAL CHAR	ACTERISTICS :					
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	Α	(max)		
4.9	Carry current		1.0	Α	(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 8	-40 to 85℃			
4.13	Storage temp		-50 to 1	-50 to 125℃			
4.14	Resonant frequency		3.5	KHZ			
4.15	Vibration (10-2000HZ)		20	g	(max)		
4.16	Minimum permissible lo	ad	100	mVD	C 10u	Α	