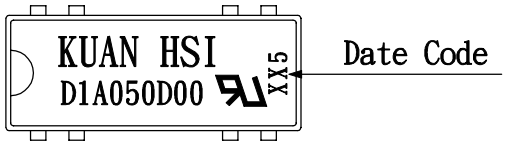
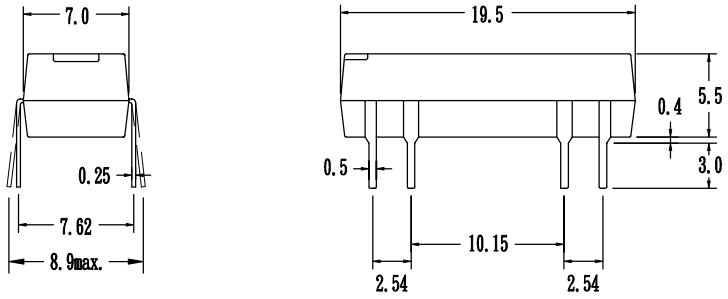
PRODUCT SPECIFICATION

COSMO ELECTRONICS CORPORATION	REED RELAY: D1A050D00	SHEET 1 OF 2

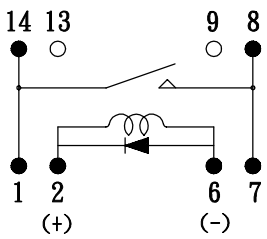
1. OUTSIDE DIMENSION : UNIT (mm)





TOLERANCE : ± 0.1mm

2. SCHEMATIC : TOP VIEW



PRODUCT SPECIFICATION

COSMO ELECTRONICS CORPORATION	REED RELAY: D1A050D00	SHEET 2 OF 2

3.0	COIL RATINGS: (AT 20℃)				
3.1	Coil resistance		500	Ω	(±10%)
3.2	Nominal coil current		5	VDC	
3.3	Maximun 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	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)
		(between coil & contact)	500	VDC	(min)
4.11	Life expectancy	(signal level)	10^{8}		
4.12	Operating temp		-40 to 85℃		
4.13	Storage temp		-50 to 125℃		
4.14	Resonant frequency		3.5	KHZ	
4.15	Vibration (10-2000HZ)		20	g	(max)
4.16	Minimum permissible load		100	mVDC	10uA

This datasheet has been downloaded from:

www.DatasheetCatalog.com

Datasheets for electronic components.