cosmo

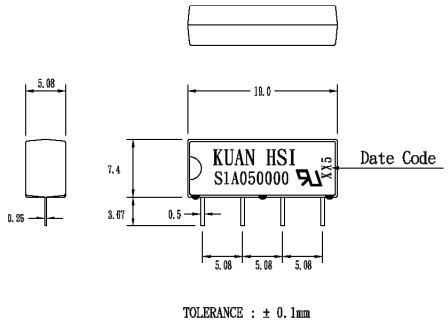
Reed Relay S1A050000

UL 60950 (File No.E108430)

Features

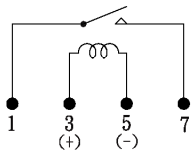
1. Epoxy molded single in line package.
2. Mounting space reduced by one half as compared with DIP.
3. Automatic insertion compatible.
4. Completely washable.
5. Interface directly with TTL logic.
6. Diode & Magnetic shield are available.

Outside Dimension:Unit (mm)



TOLERANCE : ± 0.1mm

Schematic:Top View



Coil Ratings

(AT 20°C)

Parameter	Rating	Unit
Coil Resistance	500	Ω(±10%)
Nominal Coil Voltage	5	VDC
Maximun Continuous Voltage	10	VDC
Must Operate	3.75	VDC
Must Release	1.0	VDC
Rated Current	10	mA

Electrical Characteristics

Parameter	Rating	Unit
Contact Resistance	100	mΩ (max)
Operate Time	0.5	ms(max)
Bounce Time	0.5	ms(max)
Release Time	0.2	ms(max)
Insulation Resistance (100VDC)	10^{11}	Ω (min)
Power	10	VA(max)
Switching Voltage	200	VDC(max)
Switching Current	0.5	A(max)
Carry Current	1.0	A(max)
Breakdown Voltage (Across Open Contact)	250	VDC(min)
(Between Coil & Contact)	1000	VDC(min)
Life Expectancy (Signal Level)	10^{8}	
Operating Temp	-40 to 85	℃
Storage Temp	-40 to125	℃
Resonant Frequency	3.5	KHZ
Vibration (10-2000HZ)	20	g(max)
Minimum Permissible Load	100	mVDC 10μA

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