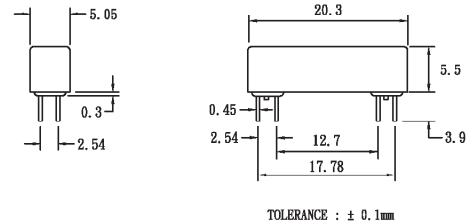


**Features**

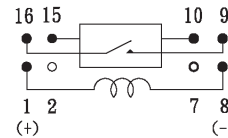
1. High reliability.
2. Electro-shield is available.
3. Automatic insertion compatible.
4. Ultra-mini size offers space saving.
5. Application for testing equipment & instrument is compatible.

**Outside Dimension:Unit (mm)**

KUAN HSI  
M1A050Y01  
X X X  
DATE CODE



**Schematic:Top View**



**Coil Ratings**

(AT 20°C)

Parameter	Rating	Unit
Coil Resistance	150	$\Omega$ (±10%)
Nominal Coil Voltage	5	VDC
Maximun Continuous Voltage	10	VDC
Must Operate	3.75	VDC
Must Release	0.5	VDC
Rated Current	33.4	mA

**Electrical Characteristics**

Parameter	Rating	Unit
Contact Resistance	100	m $\Omega$ (max)
Operate Time	0.5	ms(max)
Bounce Time	0.5	ms(max)
Release Time	0.2	ms(max)
Insulation Resistance (100VDC )	10 <sup>10</sup>	$\Omega$ (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 Contact & Shield )	250	VDC(min)
( Between Coil & Contact )	1000	VDC(min)
Life Expectancy (Signal Level)	10 <sup>8</sup>	
Operating Temp	-40 to 85	°C
Storage Temp	-40 to 125	°C
Resonant Frequency	3.5	KHZ
Vibration ( 10-2000HZ )	20	g(max)
Shock (11ms 1/2sin wave)	30	g(max)
Minimun Permissible Load	100	mVDC 10uA