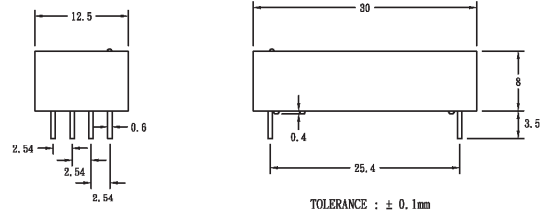


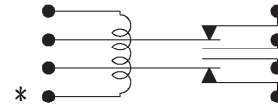
**Features**

1. Fully encapsulated.
2. Metal case for magnetic shield.
3. Pin layout in international standards metric pitch.

**Outside Dimension:Unit (mm)**



**Schematic:Top View**



**Coil Ratings**

(AT 20°C)

Parameter	Rating	Unit
Coil Resistance	500	$\Omega$ ( $\pm 10\%$ )
Nominal Coil Voltage	12	VDC
Maximun Continuous Voltage	20	VDC
Must Operate	9	VDC
Must Release	1.0	VDC
Rated Current	24	mA

**Electrical Characteristics**

Parameter	Rating	Unit
Contact Resistance	150	m $\Omega$ (max)
Operate Time	1.0	ms(max)
Bounce Time	2.0	ms(max)
Release Time	1.0	ms(max)
Insulation Resistance (100VDC )	10 <sup>9</sup>	$\Omega$ (min)
Power	3	VA(max)
Switching Voltage	100	VDC(max)
Switching Current	0.25	A(max)
Carry Current	0.5	A(max)
Breakdown Voltage ( Across Open Contact )	200	VDC(min)
( Between Coil & Contact )	1500	VDC(min)
Life Expectancy (Signal Level)	5 x 10 <sup>7</sup>	
Operating Temp	-40 to 85	°C
Storage Temp	-40 to125	°C
Resonant Frequency	3.5	KHZ
Vibration ( 10-2000HZ )	20	g(max)
Minimun Permissible Load	100	mVDC 10uA