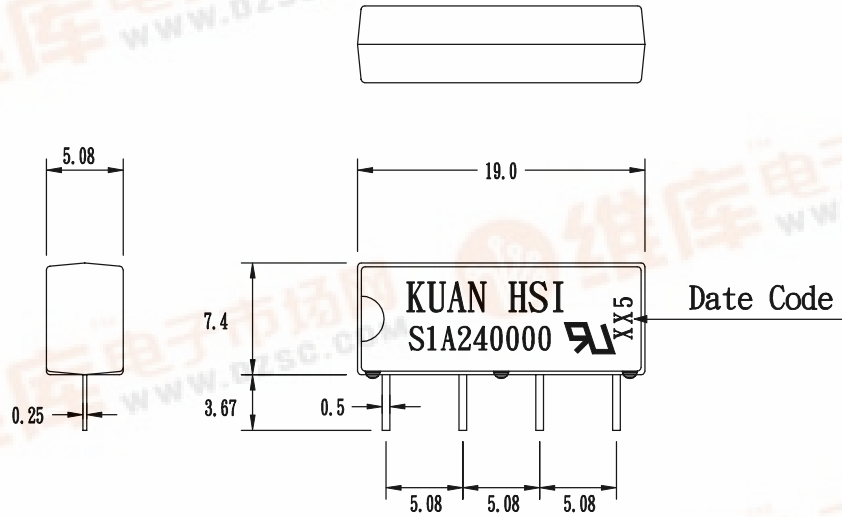


# PRODUCT SPECIFICATION

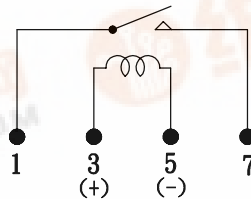
COSMO ELECTRONICS CORPORATION	REED RELAY: S1A240000	SHEET 1 OF 2
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## 1. OUTSIDE DIMENSION : UNIT ( mm )



TOLERANCE :  $\pm 0.1$ mm

## 2. SCHEMATIC : TOP VIEW



# PRODUCT SPECIFICATION

<b>COSMO</b> ELECTRONICS CORPORATION	REED RELAY: <b>S1A240000</b>	SHEET 2 OF 2
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## 3.0 COIL RATINGS: (AT 20°C)

3.1	Coil resistance	2000	$\Omega$ ( $\pm 10\%$ )
3.2	Nominal coil current	24	VDC
3.3	Maximum Continuous voltage	28	VDC
3.4	Must operate	18	VDC
3.5	Must release	2.4	VDC
3.6	Rated current	12	mA

## 4.0 ELECTRONICAL CHARACTERISTICS:

4.1	Contact resistance	100	m $\Omega$ (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 <sup>11</sup>	$\Omega$ (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)	1000	VDC (min)
4.11	Life expectancy (signal level)	10 <sup>8</sup>	
4.12	Operating temp	-40 to 85°C	
4.13	Storage temp	-40 to 125°C	
4.14	Resonant frequency	3.5	KHZ
4.15	Vibration (10-2000HZ)	20	g (max)
4.16	Minimum permissible load	100	mVDC 10uA