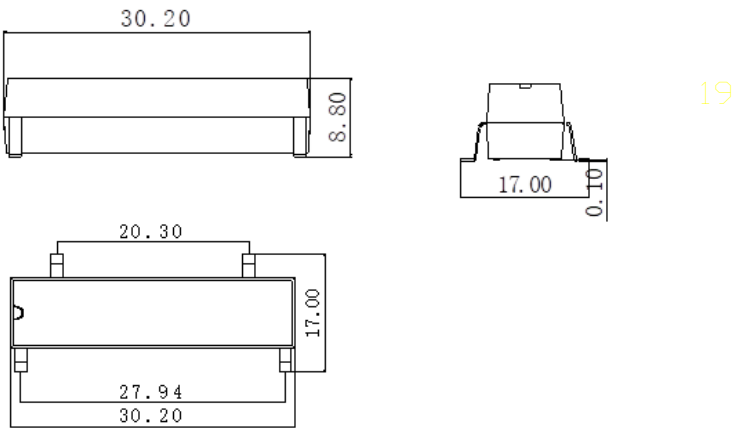


HVR1A05-SMD

- Hermetically sealed for long life
- Low Contact Resistance
- Excellent Lifetime Characteristics
- Custom Design Available

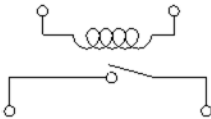
[Outline Dimension]

Unit: mm Scale: 1/1

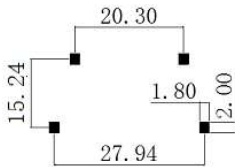


[Pin Layout]

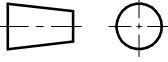
[Wiring diagram]



[PCB Layout Top View]



Coil Parameters		Relay Parameters	
1 Nominal coil voltage	5 VDC	1Min Breakdown Voltage	4K VDC
2 Max Operating voltage	8 VDC	2Dielectric Strength coil/contact	7K VDC
3 Max Pull-in voltage	3.75 VDC	3Insulation Resistance coil/contact	1.00E+12ohm
4 Min Drop-out voltage	0.5 VDC	4Operate Time, incl. Bounce	1.0ms
5 Coil Resistance	180 ohm	5 Reset Time	0.1ms
Contact Parameters		6 Capacitance Across Contacts	0.6pF
1 Contact Form	1 Form A	7 Storage Temperature	-40~+125℃
2 Max Contact Rating	100 W	8 Operating Temperature	-40~+100℃
3 Max Switch Voltage	1KVAC/1.5KVDC	9 Soldering Temperature	5 sec. max 260℃
4 Max Switch Current	1.0 A		
5 Max Carrying Current	2.5 A		
6 Min Breakdown Voltage	4K VDC		
7 Max Contact Resistance	150 mohm		

Version: 02	Designed by		TITLE High Voltage Reed Relay P/N HVR1A05-SMD	 Scale: 1:1 Page: 1/1
	Checked by			
	Approved by			
	Date	25th, Sep, 2024		