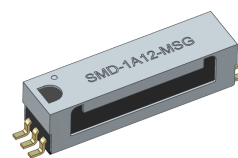


SMD-1A12-MSG

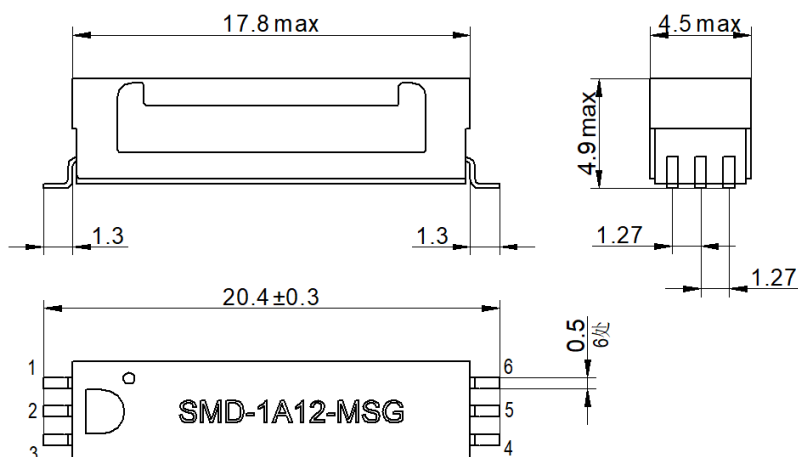
- Hermetically sealed for long life
- Low Contact Resistance
- Excellent Lifetime Characteristics
- Custom Design Available



[Outline Dimension]

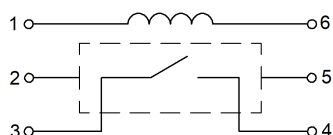
Unit: mm

Scale: 1/1

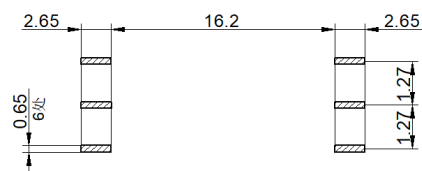


[Pin Layout]

[Wiring diagram]



[MOUNTING PAD TOP VIEW]



Coil Parameters		Relay Parameters	
1 Nominal coil voltage	12 VDC	1 Min Breakdown Voltage	300 VDC
2 Max Operating voltage	16 VDC	2 Dielectric Strength coil/contact	500 VDC
3 Max Pull-in voltage	8.8 VDC	3 Insulation Resistance coil/contact	1.00E+11ohm
4 Min Drop-out voltage	1.2 VDC	4 Operate Time, incl. Bounce	0.5ms
5 Coil Resistance	600 ohm	5 Reset Time	0.3ms
Contact Parameters		6 Capacitance Across Contacts	1.0pF
1 Contact Form	1 Form A	7 Storage Temperature	-25~+155°C
2 Max Contact Rating	30 W	8 Operating Temperature	-20~+155°C
3 Max Switch Voltage	200V ACpeak/DC	9 Soldering Temperature	5 sec. max 260°C
4 Max Switch Current	1.0 A		
5 Max Carrying Current	1.5 A		
6 Min Breakdown Voltage	300 VDC		
7 Max Contact Resistance	150 mohm		

Version: 01	Designed by		TITLE High Voltage Reed Relay P/N SMD-1A12-MSG	  Scale: 1:1 Page: 1/1
	Checked by			
	Approved by			
	Date	17th, May, 2024		