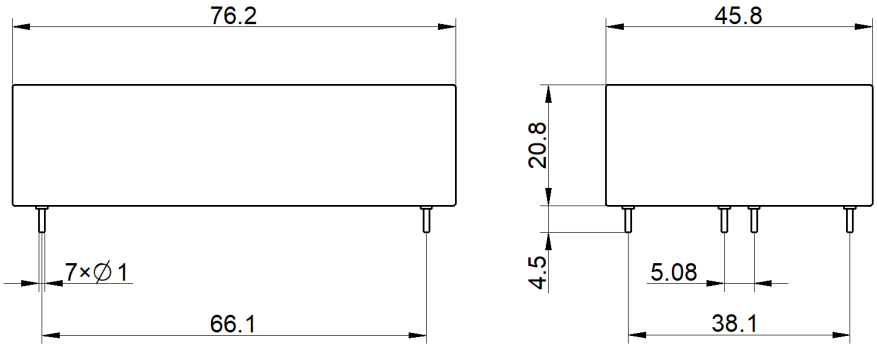
400-959

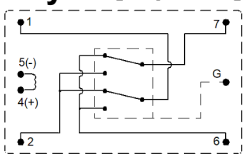
- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 10 kVDC
- Excellent Lifetime Characteristics
- Custom Design Available

Outline Dimension

Unit: mm DIM Tolerance: ±0.3



Layout [Top View]



Marking

Coil Parameters (at 20℃)				
Nominal Coil Voltage	Nominal Current	Coil Resistance	Max Pull-in Voltage	Min Drop-out Voltage
24 VDC	80 mA	300±10% Ω	19 VDC	1 VDC

Contact Parameters			
Contact Form	2 Form C	Max Contact Rating	50 W
Max Switch Voltage	7.5 kVDC	Max Switch Current	3.0 A
Max Carrying Current	5.0 A	Min Breakdown Voltage	10 kVDC
Max Contact Resistance	200 mΩ	Life Expectancy (Electrical) (at 500 VDC 100mA)	5×10^7 ops

Electrical Specifications					
Dielectric Strength (Static,min)	Open contacts	10 kVDC	Insulation Resistance (min./typ.) Rh<45%, 100V Test Voltage	Open contacts	1×10^{12} Ω
	Contact to coil	10 kVDC		Contact to coil	1×10^{12} Ω
Operate Time,incl.Bounce		3.0 ms	Capacitance	Across Open Switch	1.6 pF
Reset Time		2.0 ms			

Environmental data			
Vibration (10 to 2KHz 1.5mm)	20 G	Shock (1/2 sine wave duration 11ms)	50 G
Operating Temperature	-20℃ ~ 70℃	Storage Temperature	-35℃ ~ 105℃
Soldering Temperature (5 sec. dwell)	260℃	Washability	fully sealed

Example of order marking					
Product model	Nominal Coil Voltage	Contact form	Breakdown Voltage	Pin Out	Special code
400-959	Nil	Nil	Nil	Nil	Nil

Remark:				
RoHS	Make	Li Linmao	TITLE: High Voltage Reed Relay	
	Checke	Hu Shu		
	Approved	Dong Hu	P/N: 400-959	Version: 04
	Date	30th,Dec,2024		Page: 1/1