

# HIGH PRESSURE ULTRA-SMALL SOLENOID VALVE

## HVA Series

(Under Development)



## For Satellite Propulsion Applications

### Features

- 2 MPa pressure rating
- Compact and lightweight (Dia. 8 mm x L 31.4 mm, 8 g)
- ISO19683 vibration and shock requirements met

### Specifications

Solenoid Type		Normally Closed	Latching
Orifice Diameter		0.4 mm	
Port Connection		Pipe, Gasket (Manifold Mount)	
Operating Pressure Range		0 ~ 2 MPa (Inlet Port)	
Temperature Range		-20 ~ 70 °C *1	
Rated Voltage		12 VDC, 24 VDC	
Holding Voltage		3 VDC	N/A
Power Consumption	Rated Voltage	12 W	24 W
	Holding Voltage	0.8 W	N/A
Duty Cycle	Rated Voltage	Intermittent ED=0.5% Maximum On Time 10 s	Intermittent ED=0.5% On Time 0.2 ~ 1 s
	Holding Voltage	Continuous	N/A
Sealing Material		EPDM (Optionally FKM)	
Weight		8 g	

\*1: The temperature range may change depending on the sealing material.

Note: Details including specifications may change at any time without notification.

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