

VHS MICRO-DISPENSE VALVES

The Lee VHS Series Micro-Dispense Valves are high-speed, two-way solenoid valves designed for applications that require microliter and nanoliter dispense volumes such as high-throughput screening and drug discovery.

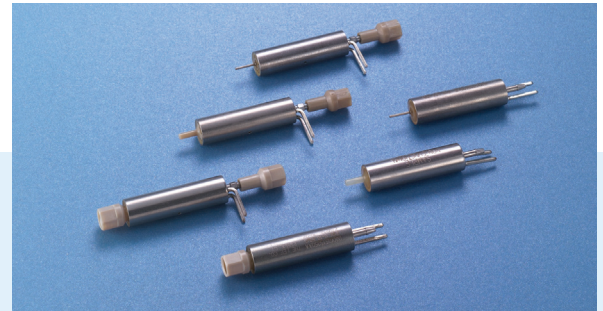
The VHS valves are offered in multiple porting configurations, including 062 MINSTAC® ported models. 062 MINSTAC port options allow simple, compact, leak-proof connections to 0.062" OD Teflon® tubing or direct coupling to Lee 062 MINSTAC nozzles. These nozzles can be removed easily to change the dispense range and offer a broad range of micro-dispense options from a single valve. A special MINSTAC safety screen is also available for "last chance" protection in critical applications.

The VHS valves require a spike and hold circuit for proper operation. Special drive circuits (IECX0501350) and starter kits (IKTX0322000A) are available for lab and prototyping work.

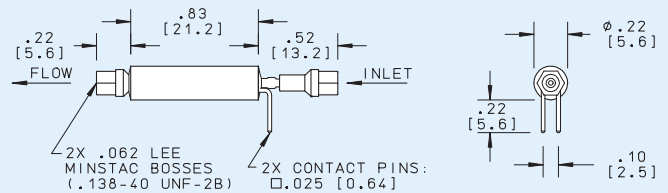
The Lee VHS valves are available in 4 standard seal materials and 2 operating voltages (12 and 24 vdc). However, special configurations such as custom ports and electrical connections are also available. Please contact your local Lee Sales Engineer for additional technical assistance and application information.

MINSTAC® is a registered trademark of The Lee Company.

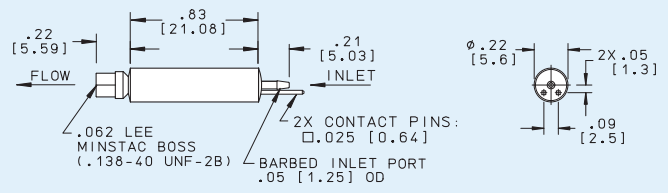
Teflon® is a registered trademark of Dupont Dow.



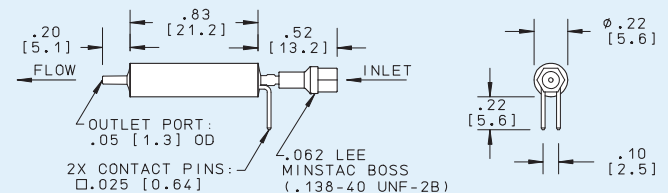
M/2



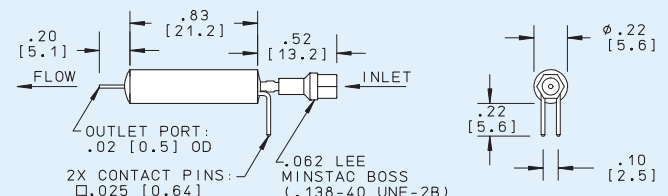
P/M



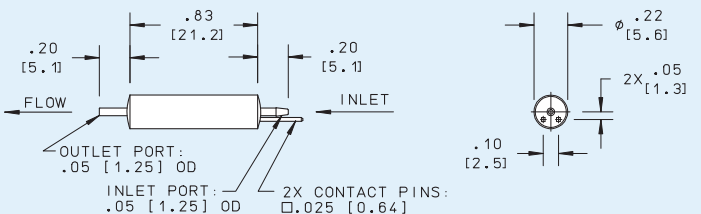
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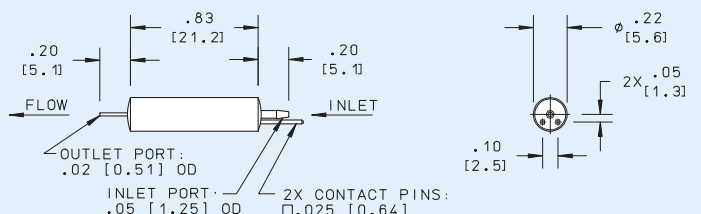
M/SP



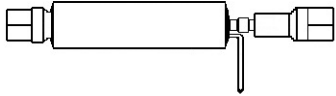
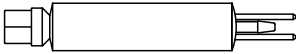
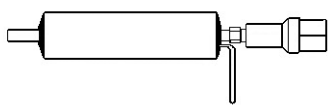
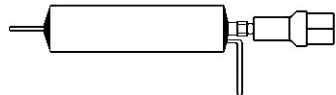
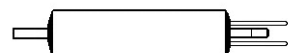
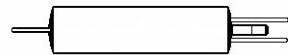
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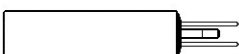
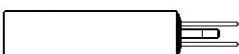
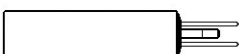
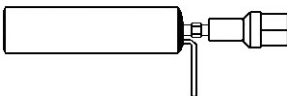


P/SP



LEE VHS MODELS

Configuration	Voltage	Material	Part Number	Lohms	Pressure (psi)	Volume Range**
	12	EPDM	INKX0511400A	4,750	120	40+ nl
	24		INKX0514300A	4,750	120	
	12	FCR	INKX0511850A	4,750	120	
	24		INKX0517500A	4,750	120	
	12	PFE	INKX0516350A	4,750	10	
	24		INKX0514100A	4,750	10	
	12	SI	INKX0507900A	4,750	120	
	24		INKX0507950A	4,750	120	
	12	EPDM	INKX0514800A	4,750	10	40+ nl
	24		INKX0514850A	4,750	10	
	12	FCR	INKX0508000A	4,750	10	
	24		INKX0508050A	4,750	10	
	12	PFE	INKX0515000A	4,750	10	
	24		INKX0515050A	4,750	10	
	12	SI	INKX0508100A	4,750	10	
	24		INKX0508150A	4,750	10	
	12	EPDM	INKX0511950A	4,750	120	40+ nl
	24		INKX0514750A	4,750	120	
	12	FCR	INKX0519850A	4,750	120	
	24		INKX0508200A	4,750	120	
	12	PFE	INKX0512700A	4,750	10	
	24		INKX0516450A	4,750	10	
	12	SI	INKX0508250A	4,750	120	
	24		INKX0508300A	4,750	120	
	12	EPDM	INKX0514900A	11,000	120	10+ nl
	24		INKX0514950A	11,000	120	
	12	FCR	INKX0514650A	11,000	120	
	24		INKX0508350A	11,000	120	
	12	PFE	INKX0516200A	11,000	10	
	24		INKX0516250A	11,000	10	
	12	SI	INKX0516100A	11,000	120	
	24		INKX0508400A	11,000	120	
	12	EPDM	INKA1224212H	4,750	10	40+ nl
	24		INKA2424212H	4,750	10	
	12	FCR	INKX0508450A	4,750	10	
	24		INKX0514550A	4,750	10	
	12	PFE	INKX0511900A	4,750	10	
	24		INKX0516550A	4,750	10	
	12	SI	INKX0508500A	4,750	10	
	24		INKX0508550A	4,750	10	
	12	EPDM	INKA1226212H	11,000	10	10+ nl
	24		INKA2426212H	11,000	10	
	12	FCR	INKX0508600A	11,000	10	
	24		INKX0508650A	11,000	10	
	12	PFE	INKX0507000A	11,000	10	
	24		INKX0516500A	11,000	10	
	12	SI	INKX0508700A	11,000	10	
	24		INKX0508750A	11,000	10	

Configuration	Orifice	Material	Part Number	Lohms	Pressure (psi)	Volume Range**
	.003"	EPDM/Butyl	INKA2437210H	110,000	10	10-50 nl
	.005"		INKA2457210H	50,000	10	20-200 nl
	.007"		INKA2477210H	21,000	10	30+ nl
	.003"	EPDM	INKA2438210H	110,000	10	10-50 nl
	.005"		INKA2458210H	50,000	10	20-200 nl
	.007"		INKA2478210H	21,000	10	30+ nl
	.003"	FCR	INKX0509100A	110,000	10	10-50 nl
	.005"		INKX0509150A	50,000	10	20-200 nl
	.007"		INKX0509200A	21,000	10	30+ nl
	.003"	EPDM/Butyl	INKX0507150A	110,000	120	10-50 nl
	.005"		INKX0509000A	50,000	120	20-200 nl
	.007"		INKX0515500A	21,000	120	30+ nl
	.003"	EPDM	INKX0508800A	110,000	120	10-50 nl
	.005"		INKX0508850A	50,000	120	20-200 nl
	.007"		INKX0508900A	21,000	120	30+ nl
	.003"	FCR	INKX0509250A	110,000	120	10-50 nl
	.005"		INKX0509300A	50,000	120	20-200 nl
	.007"		INKX0515350A	21,000	120	30+ nl

*Available in 24 vdc only

**Values based on water dispense @ 10 psi

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