APPLICATION FEATURES

Space Efficient - The OMVL series utilizes the square RM core design which locates the PC pins within the core notches.

PC Footprint - Both the terminals and the grounding clips fit a standard 0.1 inch grid.

Automation - Pick and place adaptable due to the flat top surface.

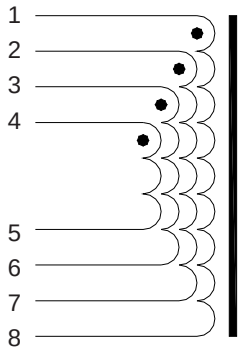
Heat Transfer - A large core area at the base facilitates heat sink applications.

Gapped Core - Inductance is flat with DC and is also temperature stable.

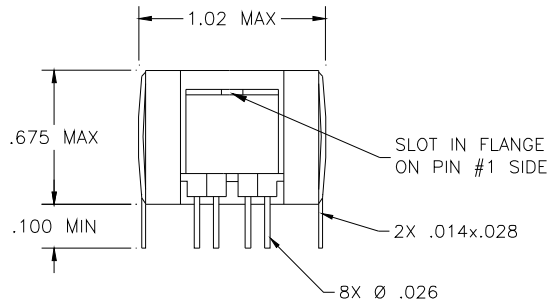
ELECTRICAL SPECIFICATIONS

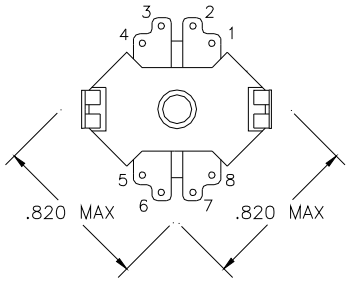
MCE P/N	L - ±10% MILLI - H	R - ±15% MILLI-OHMS	DC - MAX AMPS	SELF RES. TYP - KHz
OM08VL26	.25	.048	1.7	610
OM08VL27	.40	.073	1.4	490
OM08VL28	.63	.12	1.1	390
OM08VL29	1.0	.18	.86	310
OM08VL30	1.6	.29	.68	250
OM08VL31	2.5	.45	.55	200
OM08VL32	4.0	.73	.43	160
OM08VL33	6.3	1.20	.34	120
OM08VL34	10	1.80	.27	100
OM08VL35	16	2.90	.22	80

SCHEMATIC

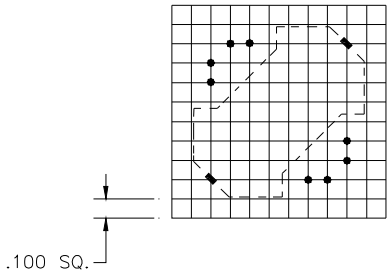


MECHANICAL SPECIFICATIONS





BOTTOM VIEW



PCB FOOTPRINT
(TOP VIEW)

NOTES

1. Inductance measured at 100 mV, 10 kHz.
2. DC Amps maximum rating is for a typical roll-off of 10%.
3. Self Resonant Frequency is for reference only.
4. Maximum temperature is 130°C.
5. All electrical data is with all windings connected in parallel.
6. Pins are hot solder dipped.

	INIT.	DATE	CAGE	MAGNETIC CIRCUIT ELEMENTS INC.				
				www.MCEmagnetics.com, ph. 831-757-8752, fax 831-757-5478				
PROD.	MP	1-30-13	09349	SQUARE POT CORE CHOKES				
ENG.	JC	1-30-13						
Q.A.	CP	1-30-13	TEST CONDITION	DECIMALS (IN.)	VOLTS	FREQUENCY	SIZE	DWG. NO.
REV.	A	1-30-13	20° ± 5° C	.XX = ± .03 .XXX = ± .010	±5%	±5%	A	**OMVL**