

APPLICATION FEATURES

Space Efficient - The OMSL 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.

DESIGN FEATURES

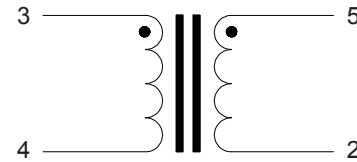
Gapped Core - Inductance is flat with DC and is also temperature stable.

ELECTRICAL SPECIFICATIONS

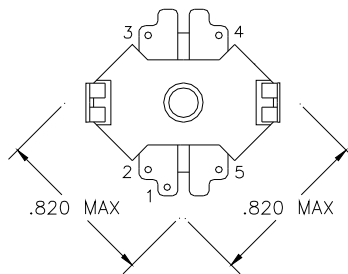
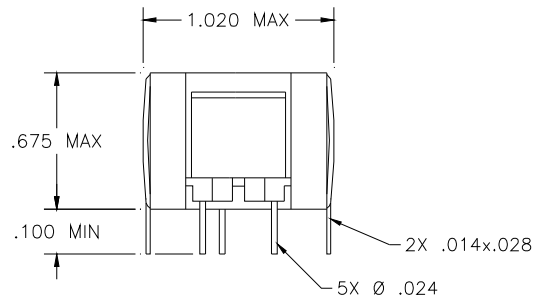
Note - Values in table are for EACH WINDING.

MCE P/N	L - $\pm 10\%$ μH	RMS - MAX AMPS	R - $\pm 15\%$ OHMS
OM08SL22	83	1.5	0.044
OM08SL23	130	1.2	0.070
OM08SL24	210	0.90	0.13
OM08SL25	325	0.80	0.16
OM08SL26	500	0.63	0.25
OM08SL27	810	0.51	0.39
OM08SL28	1300	0.41	0.60

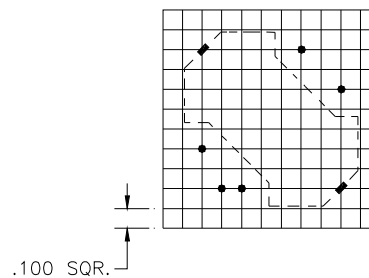
SCHEMATIC



MECHANICAL SPECIFICATIONS




BOTTOM VIEW



PCB FOOTPRINT
(TOP VIEW)

NOTES

1. Inductance measured at 100 mV, 10 kHz.
2. RMS Amps maximum rating is for a 40°C rise.
3. Maximum operating temperature is 130°C.
4. All electrical data at 20 \pm 5°C.

INIT.		DATE		TOLERANCES		MAGNETIC CIRCUIT ELEMENTS INC. www.MCEmagnetics.com, ph. 831-757-8752, fax 831-757-5478					
PROD.				DECIMALS (IN.)							
MJP		11-9-09		.XX = ± 0.03		COMMON MODE CHOKES - RF					
ENG. JC		11-9-09		.XXX = ± 0.010							
Q.A. BT		11-9-09		VOLTS = $\pm 5\%$		DESCRIPTION FERRITE RM CORE TYPE		SIZE A		DWG. NO. OMSL	
REV.				CAGE 09349							