

RML Hi Frequency Power Inductors

The new RML line of shielded inductors consists of 4 series of power chokes differing in size and power capability, covering a wide range of inductance and current.

These units are useful over a wide frequency range, the lower inductance values up to the megahertz range, while the highest inductance values easily run to the 100 kilohertz range.

These RML inductors are hermetically sealed in molded cases, and are manufactured to meet MILT 27, Grade 5, Class S specifications (TF5S04ZZ).

Principal applications are switching regulators, power supplies and EMI suppression filters.

Current ratings are based on 45°C heat rise and 10% drop in inductance.

Inductance test conditions are .1V, 10KHz, 0DC.

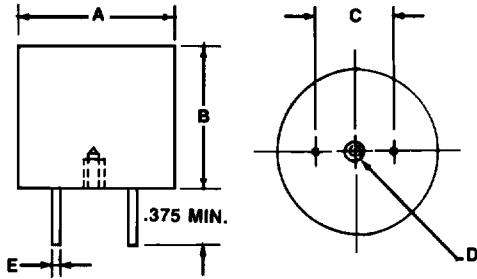
Hipot is 1000 V RMS, wdg to insert.

Type numbers correspond to inductance values in microhenries, with an inductance tolerance of $\pm 15\%$.

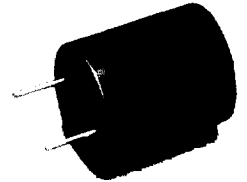
Part No.	Ind μ Hy ODC	Max DCR Ohms	DC Rated Current Amps
RML-100-18	18	.010	11.4
RML-100-25	25	.015	9.3
RML-100-39	39	.020	7.7
RML-100-56	56	.040	5.9
RML-100-82	82	.060	4.8
RML-100-120	120	.072	4.3
RML-100-180	180	.095	3.4
RML-100-250	250	.17	2.7
RML-100-390	390	.21	2.4
RML-100-560	560	.30	2.0

Part No.	Ind μ Hy ODC	Max DCR Ohms	DC Rated Current Amps
RML-200-22	22	.010	11.3
RML-200-33	33	.018	8.4
RML-200-50	50	.026	7.0
RML-200-75	75	.030	6.5
RML-200-100	100	.039	5.7
RML-200-150	150	.060	4.6
RML-200-220	220	.090	3.7
RML-200-330	330	.11	3.4
RML-200-500	500	.21	2.4
RML-200-750	750	.32	2.0
RML-200-1000	1000	.39	1.8
RML-200-1500	1500	.59	1.4

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	A	B	C	D	E
PART NUMBER	Max Dia.	Max	± .010	8 THD NC-28	Dia. ± .003
RML-100	.698	1.041	.450	4-40	.040
RML-200	.830	1.041	.500	4-40	.040
RML-300	1.095	1.041	.538	4-40	.040
RML-400	1.515	1.322	.750	6-32	.080



Part No.	Ind μ Hy ODC	Max DCR Ohms	DC Rated Current Amps
RML-300-78	78	.024	8.4
RML-300-110	110	.029	7.5
RML-300-165	165	.034	7.0
RML-300-250	250	.064	5.0
RML-300-360	360	.080	4.4
RML-300-550	550	.122	3.7
RML-300-780	780	.187	3.0
RML-300-1110	1110	.256	2.6
RML-300-1650	1650	.426	2.0
RML-300-2500	2500	.518	1.75
RML-300-3600	3600	.900	1.4

Part No.	Ind μ Hy ODC	Max DCR Ohms	DC Rated Current Amps
RML-400-250	250	.045	9.0
RML-400-390	390	.056	8.1
RML-400-560	560	.082	6.3
RML-400-800	800	.125	5.1
RML-400-1200	1200	.154	4.7
RML-400-1800	1800	.232	3.7
RML-400-2500	2500	.360	3.0
RML-400-3900	3900	.555	2.4
RML-400-5600	5600	.845	2.1
RML-400-6800	6800	1.14	1.9
RML-400-8000	8000	1.60	1.6
RML-400-9600	9600	1.76	1.5

