

## DR360 SERIES, HIGH CURRENT, HIGH TEMPERATURE INDUCTORS

### Features

- Low EMI
- High Current Capacity
- Operating Temp. -55°C to +200°C
- Horizontal or Vertical mount (Note 5)
- Tinned Leads with Leaded Solder is Available (note 7)



### NOTES

(1) OCL measured at .25VRMS, 1kHz.

(2) Rated Current tested at .25VRMS, 1kHz

(3) All materials are rated at 200°C

(4) Electrical Specifications at 25°C

(5) DR360-2-XXX denotes vertical design.  
DR360-1-XXX denotes horizontal design

(6) All dimensions are shown in inches "in". General tolerance is  $\pm 0.010$ in, unless otherwise specified.

(7) For non-RoHS parts replace DR prefix with 42- (e.g. DR360 becomes 42-360)

(8) Terminal finish is compliant to RoHS requirements.

Part Number	L( $\mu$ H) $\pm 15\%$ (1)	L( $\mu$ H) $\pm 15\%$ @ I rated (2)	I <sub>dc</sub> (A)	DCR ( $\Omega$ ) (MAX)	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
DR360-X-122	1.2	1.0	38.7	0.002	0.56	1.18	0.066
DR360-X-182	1.8	1.5	34.6	0.003	0.56	1.18	0.066
DR360-X-272	2.7	2.2	31.6	0.003	0.56	1.18	0.066
DR360-X-392	3.9	3.1	29.2	0.004	0.56	1.18	0.066
DR360-X-472	4.7	3.7	27.3	0.004	0.56	1.18	0.066
DR360-X-562	5.6	4.3	25.8	0.005	0.56	1.18	0.066
DR360-X-682	6.8	5.1	24.5	0.005	0.56	1.18	0.066
DR360-X-822	8.2	6.0	24.3	0.005	0.56	1.18	0.066
DR360-X-103	10	7.2	23.3	0.006	0.56	1.18	0.066
DR360-X-123	12	8.5	22.4	0.006	0.56	1.18	0.066
DR360-X-153	15	10.3	20.8	0.007	0.56	1.18	0.066
DR360-X-183	18	12.2	20.2	0.007	0.56	1.18	0.066
DR360-X-223	22	14.5	19.0	0.008	0.56	1.18	0.066
DR360-X-273	27	19.2	14.3	0.014	0.53	1.14	0.053
DR360-X-333	33	23.0	13.6	0.015	0.53	1.14	0.053
DR360-X-393	39	26.7	13.0	0.017	0.53	1.14	0.053
DR360-X-473	47	34.7	10.0	0.028	0.52	1.13	0.042
DR360-X-563	56	40.8	9.7	0.030	0.52	1.13	0.042
DR360-X-683	68	48.5	9.2	0.034	0.52	1.13	0.042
DR360-X-823	82	57.4	8.8	0.037	0.52	1.13	0.042
DR360-X-104	100	68.3	8.3	0.041	0.56	1.17	0.042
DR360-X-124	120	80.5	8.0	0.045	0.56	1.17	0.042
DR360-X-154	150	97.9	7.5	0.050	0.56	1.17	0.042
DR360-X-184	180	114.5	7.2	0.055	0.56	1.17	0.042
DR360-X-224	220	136.6	6.8	0.061	0.56	1.17	0.042
DR360-X-274	270	163.2	6.5	0.067	0.56	1.17	0.042
DR360-X-334	330	218.3	4.9	0.10	0.54	1.16	0.037
DR360-X-394	390	252.8	4.7	0.13	0.54	1.16	0.037
DR360-X-474	470	297.9	4.5	0.14	0.54	1.16	0.037
DR360-X-564	560	389.1	3.4	0.24	0.53	1.14	0.027
DR360-X-684	680	461.4	3.2	0.27	0.53	1.14	0.027
DR360-X-824	820	545.2	3.1	0.30	0.53	1.14	0.027
DR360-X-105	1000	648.2	2.9	0.33	0.58	1.17	0.027

