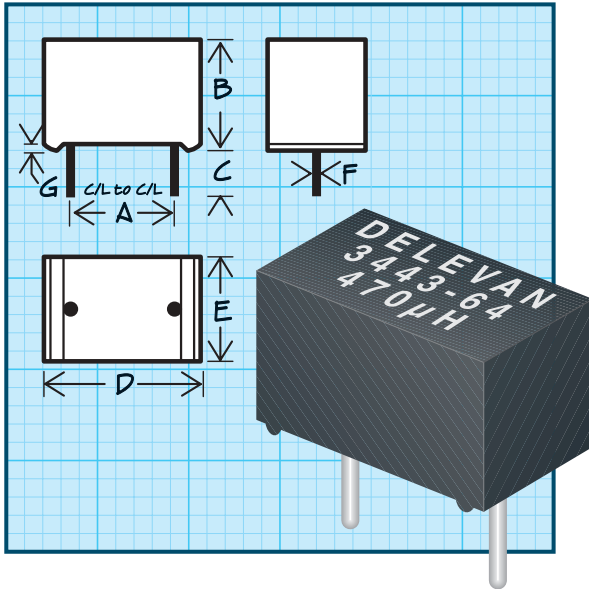


Series 3443

Radial Lead Power Chokes



Physical Parameters

	Inches	Millimeters
A	0.500 ± 0.015	12.72 ± 0.38
B	0.600 Max.	15.27 Max.
C	0.375 Min.	9.54 Min.
D	0.870 Max.	22.14 Max.
E	0.515 Max.	13.10 Max.
F*	0.040 ± 0.005	1.02 ± 0.13
G	0.030 Min.	0.76 Min.

*F= AWG #18 TCW

Current Rating Based on continuous operation at room temperature. Derating is required at elevated ambient temperatures in accordance with the derating curve.

Operating Temperature Range -55°C to +125°C

Maximum Power Dissipation at 25°C 2.2 W

Weight Max. (Grams) 12.0

Incremental Current 1) Current Level which causes a maximum of 10% decrease in inductance. 2) The Incremental Current at ambient temperatures other than 25°C will be 70% of the adjusted current rating.

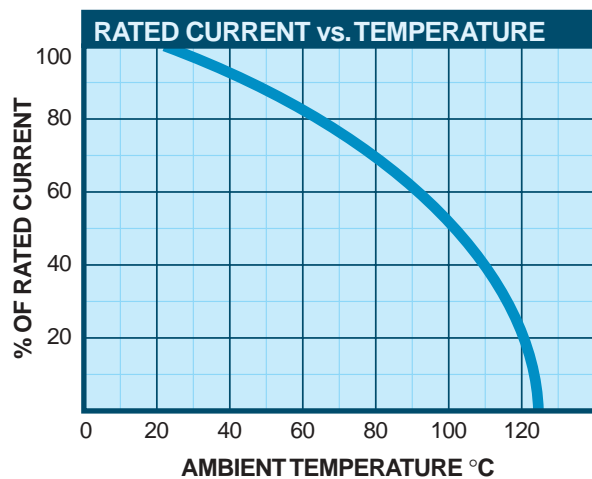
Core Material Ferrite

Packaging Bulk only

Made In the U.S.A.

PART NUMBER	INDUCTANCE @ 1KHZ (µH) ±10%	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)	INCREMENTAL CURRENT DC (Amps)
SERIES 3443 FERRITE CORE				
3443-00K	1.0	0.005	17.8	17.8
3443-04K	1.5	0.006	16.2	16.2
3443-08K	2.2	0.007	15.0	15.0
3443-12K	3.3	0.008	14.0	12.4
3443-16K	4.7	0.009	13.0	10.3
3443-20K	6.8	0.010	12.5	8.9
3443-24K	10.0	0.015	10.0	7.3
3443-28K	15.0	0.022	8.5	5.9
3443-32K	22.0	0.033	6.5	4.9
3443-36K	33.0	0.052	5.5	4.0
3443-40K	47.0	0.078	4.5	3.3
3443-44K	68.0	0.092	4.0	2.8
3443-48K	100.0	0.140	3.3	2.3
3443-50K	120.0	0.175	3.0	2.1
3443-52K	150.0	0.210	2.7	1.9
3443-56K	220.0	0.330	2.2	1.5
3443-58K	270.0	0.420	1.95	1.35
3443-60K	330.0	0.510	1.70	1.20
3443-64K	470.0	0.610	1.60	1.00
3443-68K	680.0	0.910	1.30	0.90
3443-72K	1000.0	1.40	1.00	0.73
3443-76K	1500.0	2.20	0.84	0.60
3443-80K	2200.0	3.30	0.69	0.49
3443-84K	3300.0	5.10	0.55	0.40
3443-88K	4700.0	7.70	0.45	0.34
3443-92K	6800.0	11.7	0.36	0.28
3443-94K	10000.0	14.2	0.33	0.23
3443-98K	15000.0	21.9	0.26	0.19

POWER INDUCTORS



For more detailed graphs, contact factory