

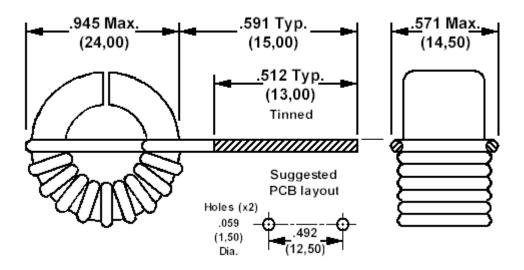
Technical Data Sheet

Cambion Electronics LTD

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555-8820 Self leaded power inductor, 100 Watt

for Class D Amplifier applications



How to order code 555-8820-20-00-00 **Basic Part No**

ELECTRICAL SPECIFICATIONS									
Basic Part Number	Inductance @ I rated (Typ)	I rated (A)	DCR (mΩ)		Inductance @ 0 A _{DC} (µH ±10%)	Saturation Current I _{SAT} (A)			Heating Current I _{DC}
			(Typ)	(Max)	(μ11 ±10 /6)	@ -40°C	@ 25°C	@ 125°C	(A)
555-8820-20	20(μH)	7	58	100	20	8.0	7.5	6.5	7
Coil weight 12.3 grams					Packed 50 per vacuum formed tray.				

Operating temperatures are -40°C to + 125°C



Designed to match Zetex ZXCD series Class D Audio Solution www.zetex.com.

Low cost using gapped toroid

555-8820 Typical inductance vs DC Bias @ 3 ambient temeratures 25 20 nductance (µH) 15 10 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Current (A) — — 25 Dec C - - - 40 Deg C 125 Dec C

Data is subject to change without notice.

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