

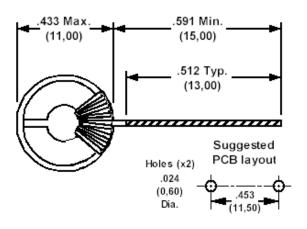
**Technical Data Sheet** 

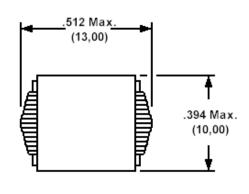
## **Cambion Electronics LTD**

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## 555-8810 Self leaded power inductor, 25/50Watt

for Class D Amplifier applications





How to order code 555-8810-20-00-00 Basic part No

		ELECTRICAL SPECIFICATIONS									
	Basic Part Number	Inductance @ I rated (Typ)	I rated (A)	DCR (mΩ)		Inductance @ 0 A <sub>DC</sub> (µH ±10%)	Saturation Current I <sub>SAT</sub> (A)			Heating Current I <sub>DC</sub>	
				(Typ)	(Max)	(µH ±10%)	@ -40°C	@ 25°C	@ 125°C	(A)	
ſ	555-8810-20	20(µH)	3	74	93	20	7.5	6.5	4.5	3	
	Coil weight 2.3 grams					Packed 100 per Vacuum formed tray.					

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



- High Performance Class D Solution.
- Designed to match Zetex ZXCD series Class D Audio Solution www.zetex.com.
- Low cost using gapped toroid.

25 20 15 10 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10

1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8

Current (A)

- - - -40 Deg C — -25 Deg C — 125 Deg C

Data is subject to change without notice.

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