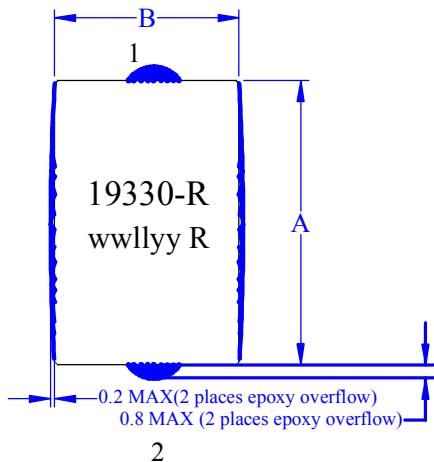


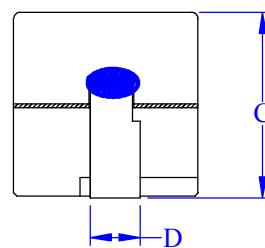
MECHANICAL DIMENSIONS

TOP VIEW

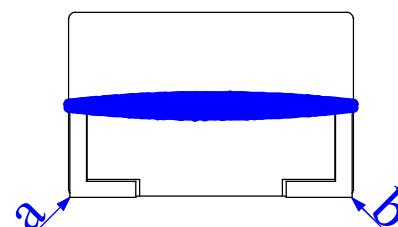


A= 11.0 Max.
B= 7.20 Max.
C= 7.20 Max.
D= 1.90±0.15
E= 2.50±0.2
F= 5.80 TYP.

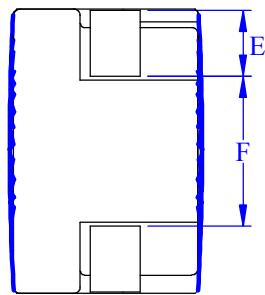
FRONT VIEW



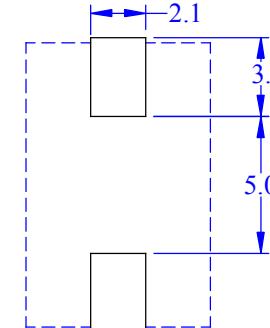
LEFT VIEW



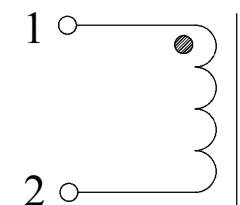
BOTTOM VIEW



RECOMMENDED PCB LAYOUT



SCHEMATIC



Notes:

- 1). All dimensions are in mm unless otherwise specified.
- 2). Tolerances are +/- 0.15 millimeters unless stated otherwise.
- 3). All soldering surfaces must be coplanar within 0.10 millimeters.
- 4). PCB tolerances are +/- 0.1 millimeters unless stated otherwise.
- 5). Stamping: 19330-R = P/N
wwllyy R= (DateCode) (Revision)
- 6). DCR test at point a and point b
- 7). Environmental compliance requirement (Refer Cooper Bussmann files: F306B-003-03 & CBA309A-001):
 - (a) RoHS
 - (b) REACH
 - (c) PFOS & PFOA
 - (d) Halogen free

Cooper Bussmann

High Current Power Inductor
(Flat-Pac 12*7.5)

2 Pads, SMT

Size	Drawing Number:	CTX01-19330-R
A	Revision Level:	X2

CUSTOMER INFORMATION

High Current Power Inductor (Flat-Pac)

Part Number	OCL(nH) (note 1) +/-10%	FLL(nH) (note 2) Min.	I _{RMS} (Amp) (note a) Max.	I _{SAT1} (Amp) (note b) @20°C	I _{SAT2} (Amp) (note c) @125°C	DCR (mΩ) @ 20°C. +/-6.4%
CTX01-19330-R	300	217	42	35	28	0.47

Electrical Requirement Notes:

- 1) Test Frequency and voltage: 100kHz, 0.1Vrms and 20°C
 2) FLL is the inductance tested with 100kHz, 0.1Vrms, I_{SAT1} and 20°C



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General Specifications:

- a). I_{RMS} shows the DC current will cause a temp.-rise of 40°C max. at the ambient of 25°C without core loss
 b). I_{SAT1} shows the DC current will cause intial inductance to drop approx. 20% at 20°C
 c). I_{SAT2} shows the DC current will cause intial inductance to drop approx. 20% at 125°C
 d) Storage Temp.: -40°C~ +125°C
 e) Operating Temp.: -40°C~ +85°C
 f) Resistance to Solder Heat: 260°C for 10 seconds

Parts available in Tape and Reel. 13" diameter reel : 550parts per reel.

Ferrite Type Power Inductor
SMT, 2 PadsSIZE Drawing Number: CTX01-19330-R
A Revision Level: X2