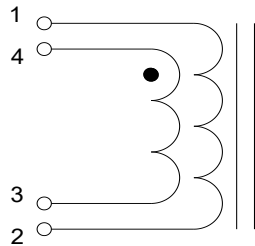


Rev	Description	By	Date
B	Updated Dimensions and Coil Drawing	MIG	11-Feb-16
C	Changed bracket style	SO	16-Jun-25

ELECTRICAL SPECIFICATIONS @ 25°C

$L(1-2//3-4)$:	734.0 μ H $\pm$ 15% @ 10kHz, 1Vrms
$I_{sat}(1-2//3-4)$:	$\Delta L \leq 10\%$ @ 23Adc
	$\Delta L \leq 20\%$ @ 34Adc
	$\Delta L \leq 30\%$ @ 43.5Adc
$I_{rms}(1-2//3-4)$:	$\Delta T \leq 40^\circ\text{C}$ @ 27.5Adc
	$\Delta T \leq 60^\circ\text{C}$ @ 35Adc
DCR(1-2//3-4):	17.0m Ω Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

SCHEMATIC



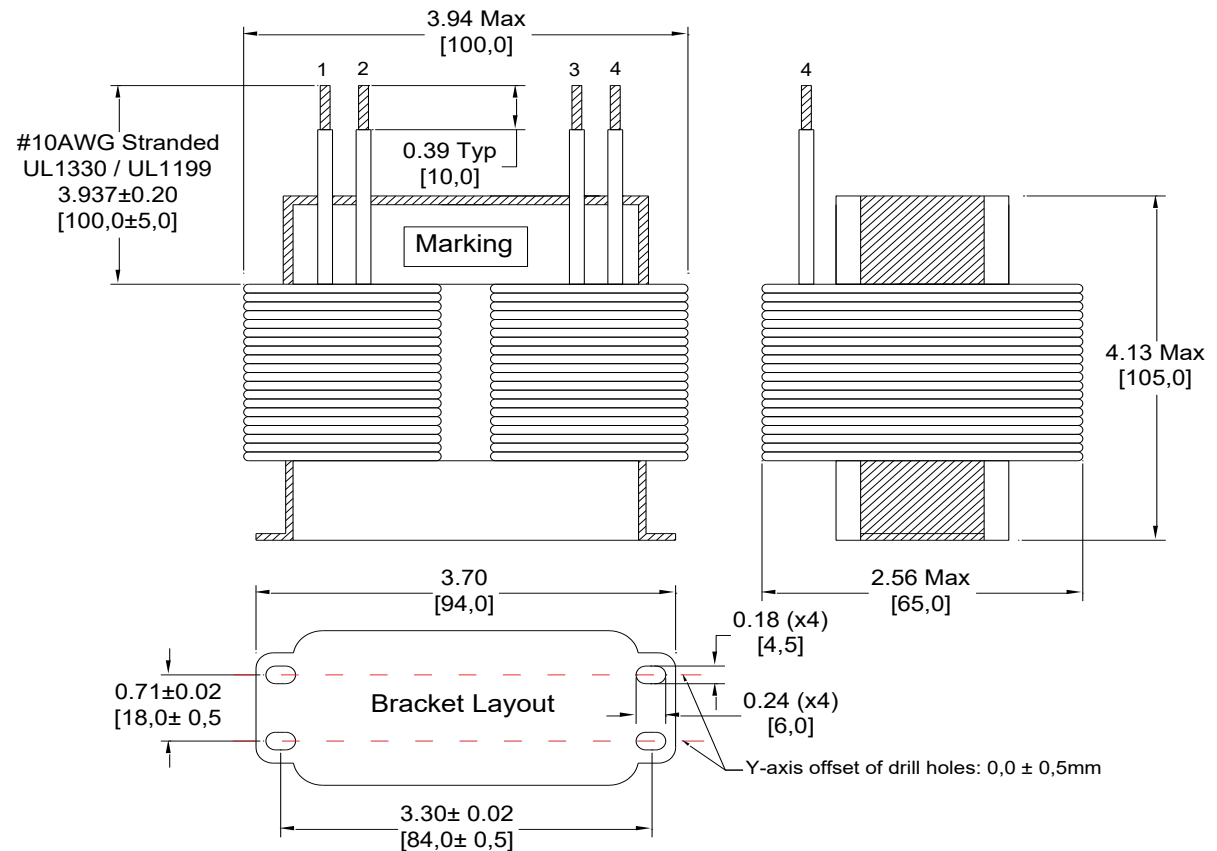
MARKING

MPS
PX1391-731
Date Code

NOTE

Connect 1,4 and 3,2 for full load operation.

DIMENSIONS



Dimensions: inch/[mm]

Notice of Proprietary Property

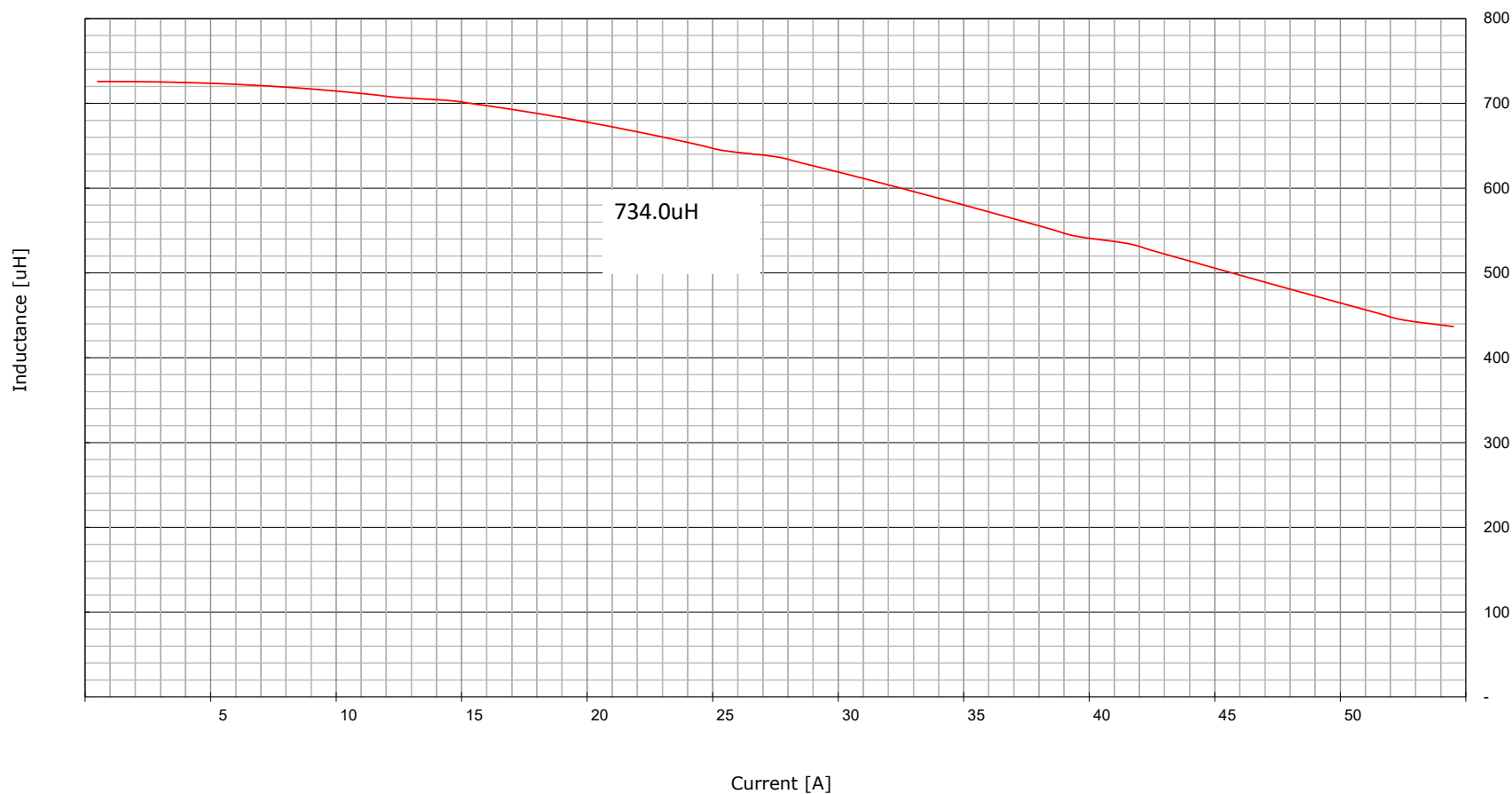
These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture or sale of apparatus without express written authorization

Dimensions	DRAWN BY:	SO	16-Jun-25	SIZE
Unless otherwise specified .XX $\pm$.010" [0,254mm] .XXX $\pm$.005" [0,13mm]	CHECKED BY:	SO	16-Jun-25	A

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description	Power Inductor
Part Number	PX1391-731
WEIGHT: XX gms	SHEET: 1 OF 2
REV	C

Rev	Description	By	Date
B	Updated Dimensions and Coil Drawing	MIG	11-Feb-16
C	Changed bracket style	SO	16-Jun-25

DC Bias Characteristics



Notice of Proprietary Property

These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization

Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY:	SO	16-Jun-25	SIZE	Part Number	REV C
	CHECKED BY:	SO	16-Jun-25	A	PX1391-731	
	SCALE: X:X					



MPS INDUSTRIES, INC.

www.mpsind.com

Tel: (310) 325-1043 Fax: (310) 325-1044

Description