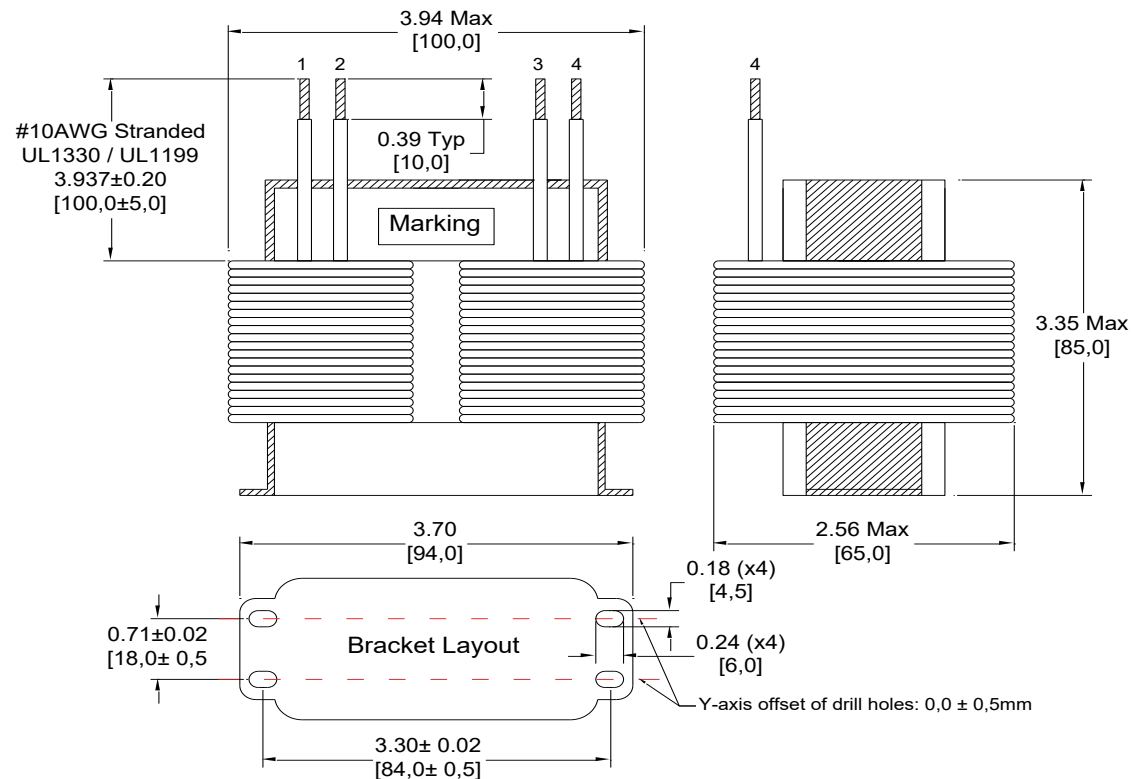


Rev	Description	By	Date
2	Added mounting bracket	SO	1-Mar-23
3	Changed bracket style	SO	16-Jun-25

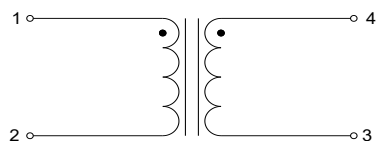
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	432.0μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 27Adc
	ΔL≤20% @ 40Adc
	ΔL≤30% @ 51Adc
Irms(1-2//3-4):	ΔT≤40°C @ 30Adc
	ΔT≤60°C @ 38.5Adc
DCR(1-2//3-4):	15.0mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



Note: Connect coils in parallel for full load operation

MARKING

MPS
PX1391-431_Rev
Date Code

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 of sale of apparatus without express written authorization

Dimensions	DRAWN BY:	AY	1-Apr-22	SIZE	Description	REV
Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	CHECKED BY:	TC	1-Apr-22	A	Power Inductor	3
					PX1391-431	
					WEIGHT: XX gms	SHEET: 1 OF 2



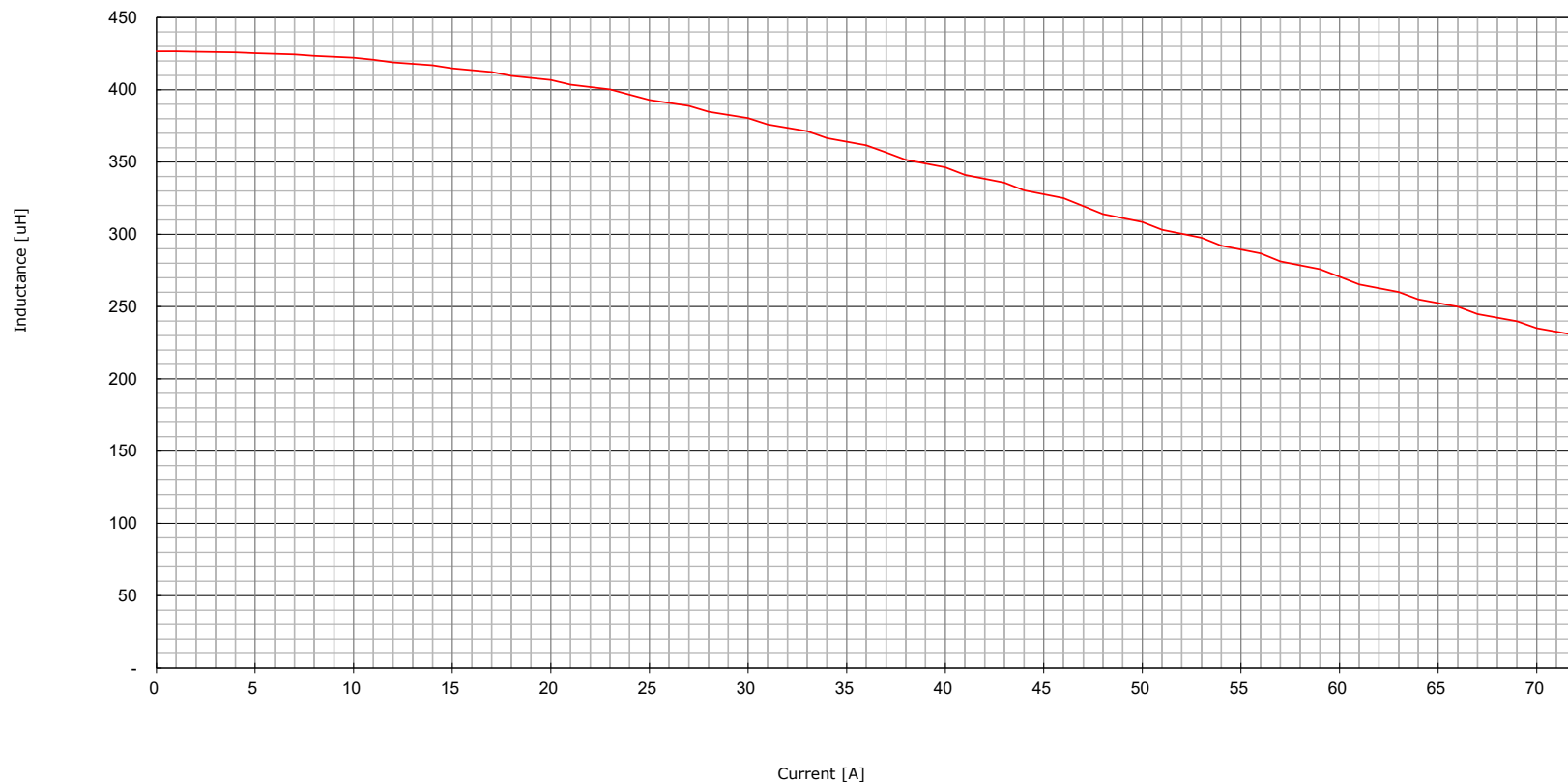
MPS INDUSTRIES, INC.

www.mpsind.com

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

Rev	Description	By	Date
2	Added mounting bracket	SO	1-Mar-23
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DC Bias Characteristics



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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY:	AY	1-Apr-22	SIZE	Part Number	REV
	CHECKED BY:	TC	1-Apr-22	A	PX1391-431	3
					SCALE: X:X	WEIGHT: XX gms



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Description

Power Inductor