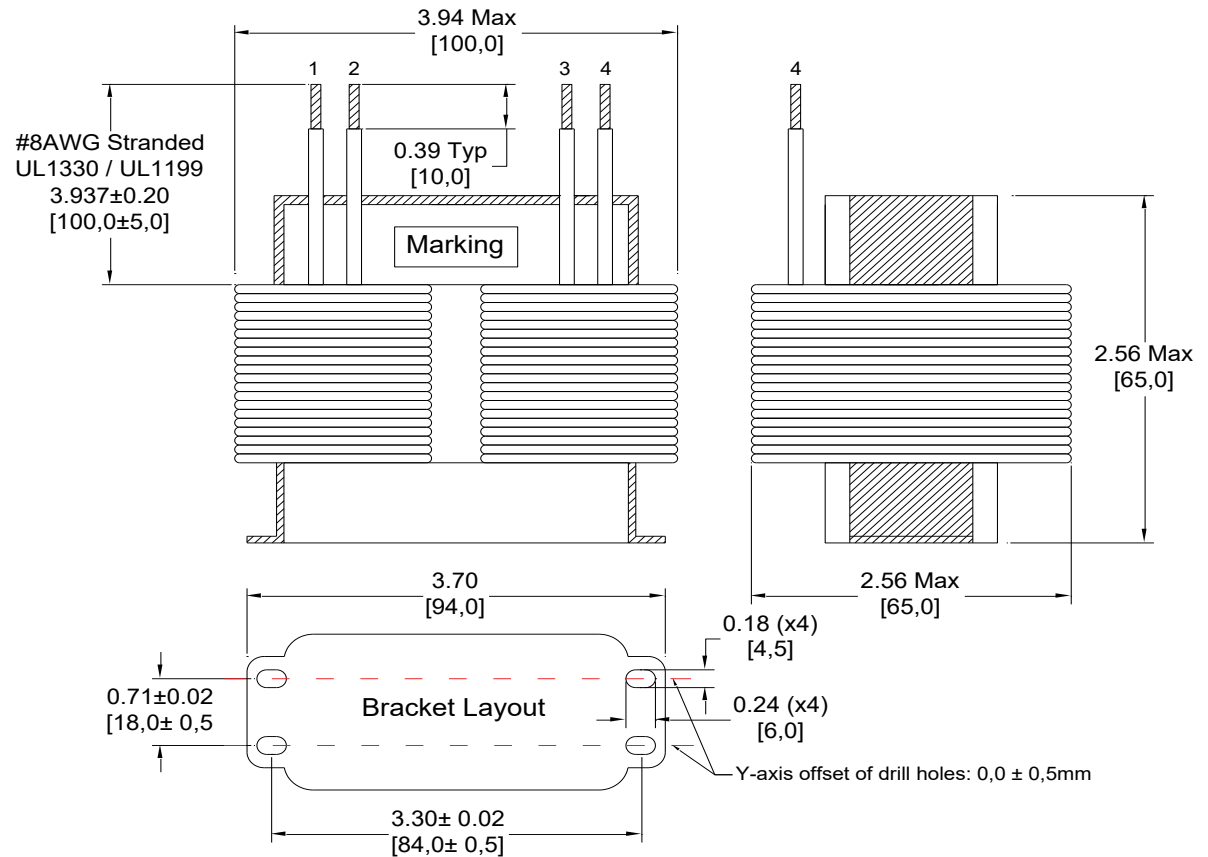


Rev	Description	By	Date
1	Preliminary	SO	17-Jun-25

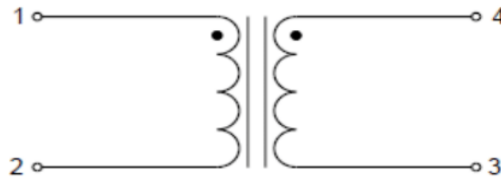
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-3 with 2-4 shorted):	397.0μH±15% @ 10kHz, 1Vrms
Isat(1-3 with 2-4 shorted):	ΔL≤10% @ 25.5Adc
	ΔL≤20% @ 38Adc
	ΔL≤30% @ 48.5Adc
Irms(1-3 with 2-4 shorted):	ΔT≤40°C @ 40Adc
	ΔT≤60°C @ 50.5Adc
DCR(1-3 with 2-4 shorted):	16mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



Note: Connect coils in series for full load operation

MARKING

MPS
PX1391-401_Rev#
Date Code

Dimensions: inch/[mm]

Notice of Proprietary Property

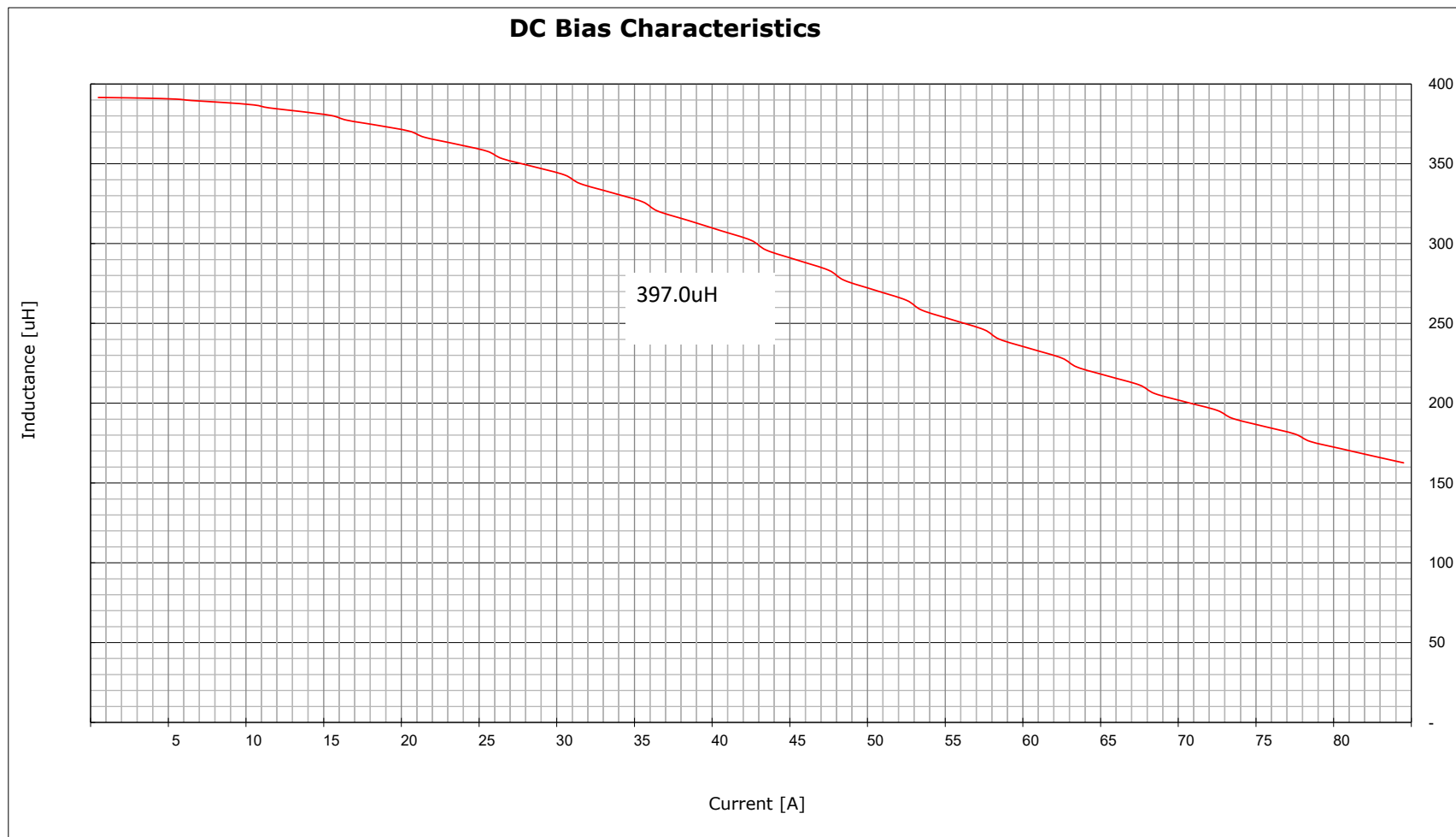
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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO SO	17-Jun-25 17-Jun-25	SIZE	Part Number	REV 1
				A	PX1391-401	
				WEIGHT: XX gms SHEET: 1 OF 2		

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	17-Jun-25



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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY:	SO	17-Jun-25	SIZE	Part Number	REV 1
	CHECKED BY:	SO	17-Jun-25	A	PX1391-401	
				SCALE: X:X	WEIGHT: XX gms	



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Power Inductor

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2