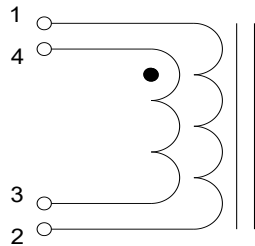


Rev	Description	By	Date
1	Preliminary	SO	16-Jun-25

ELECTRICAL SPECIFICATIONS @ 25°C

L(1-3 with 2-4 shorted):	3890.0μH±15% @ 10kHz, 1Vrms
Isat(1-3 with 2-4 shorted):	ΔL≤10% @ 10Adc
	ΔL≤20% @ 15Adc
	ΔL≤30% @ 19Adc
Irms(1-3 with 2-4 shorted):	ΔT≤40°C @ 16Adc
	ΔT≤60°C @ 20.5Adc
DCR(1-3 with 2-4 shorted):	96mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

SCHEMATIC

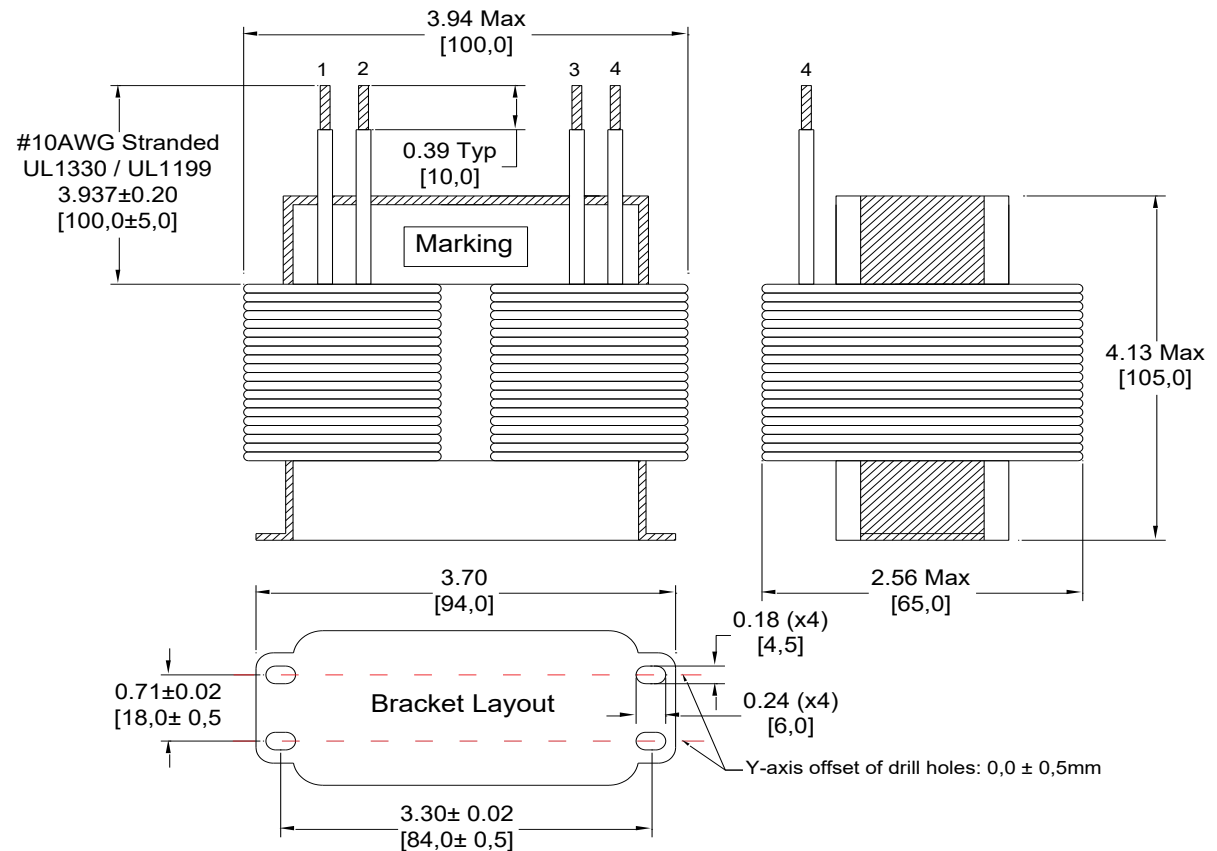


Note: Connect coils in series for a full load operation

MARKING

MPS
PX1391-711_Rev#
Date Code

DIMENSIONS



Dimensions: inch/[mm]

Notice of Proprietary Property

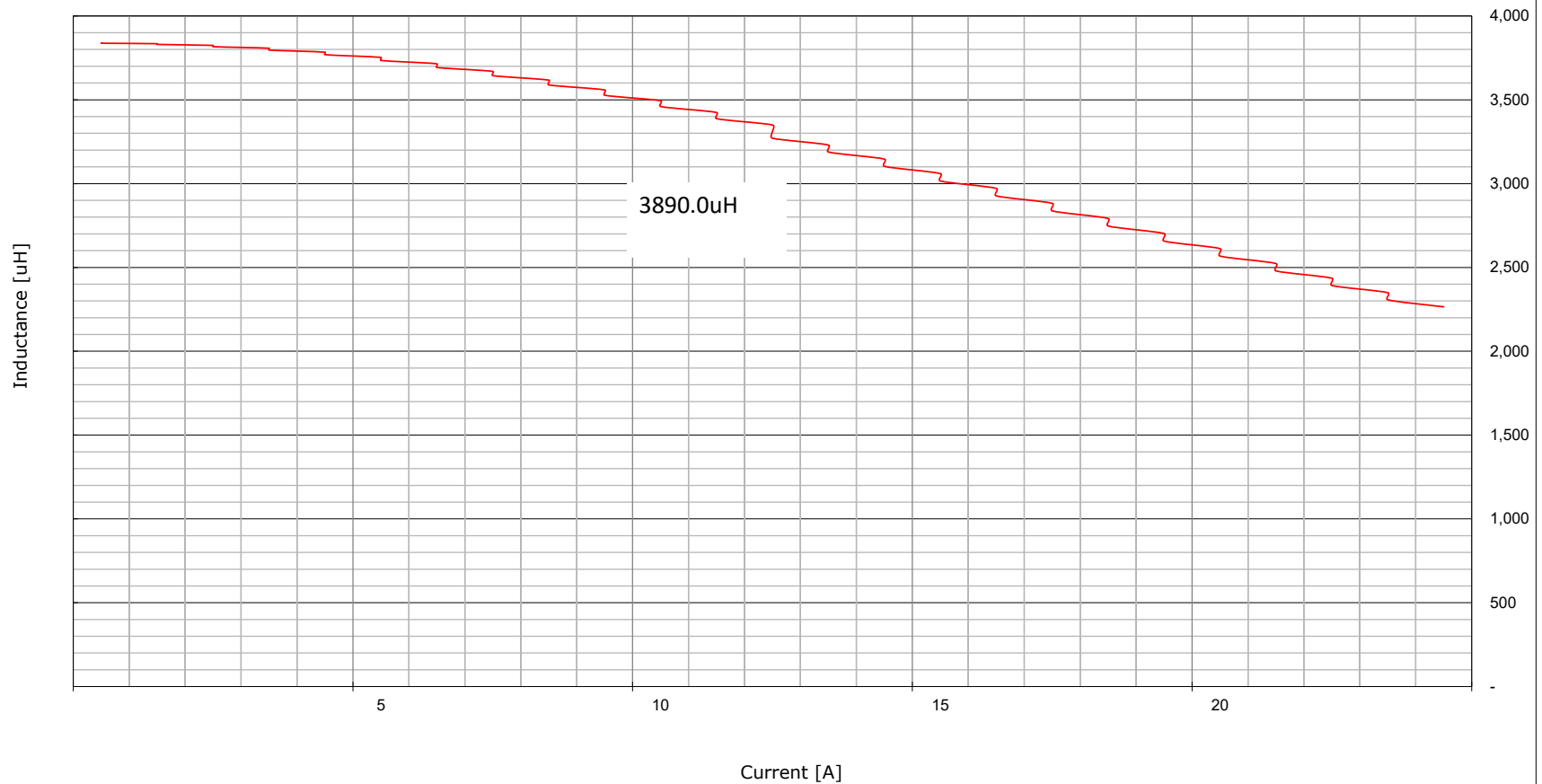
These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization

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

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description Power Inductor	
Part Number PX1391-392	REV 1
WEIGHT: XX gms	SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	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
	CHECKED BY:	SO	16-Jun-25	A	PX1391-392			1
					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