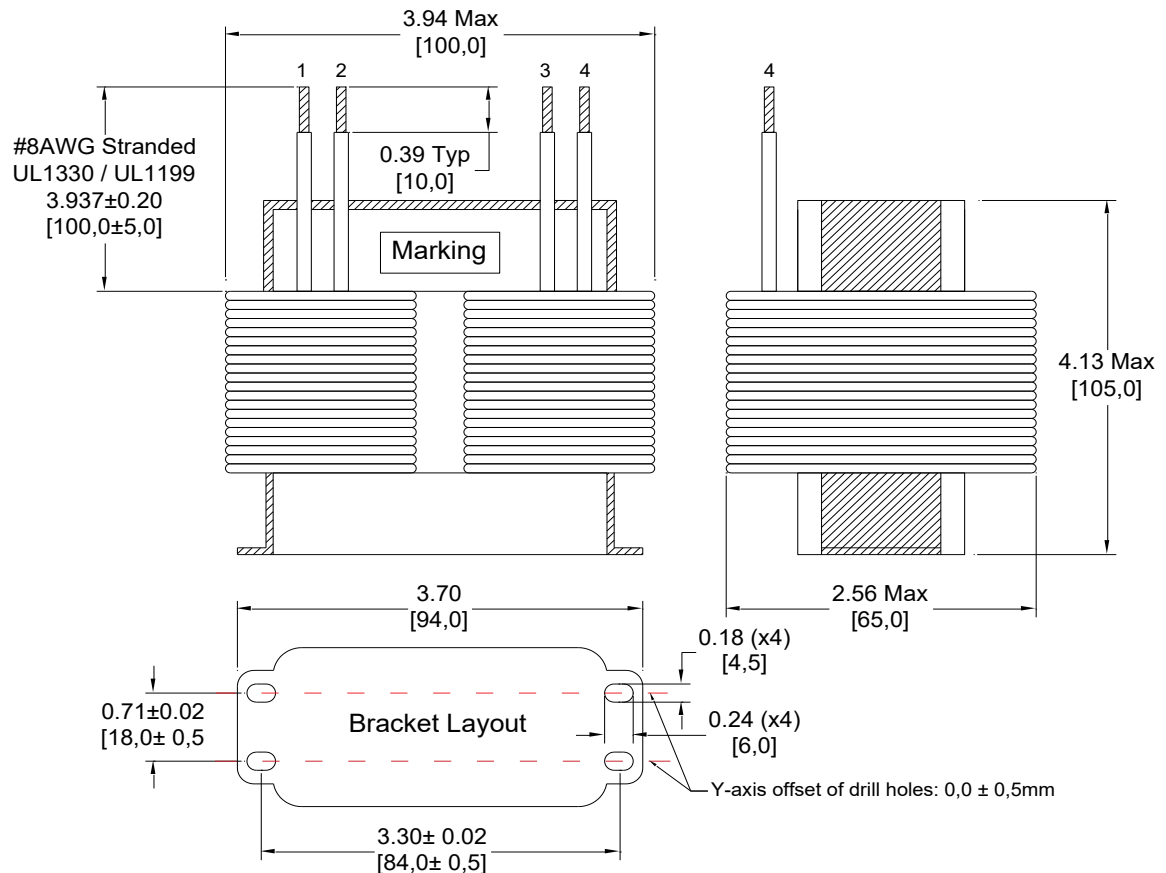


Rev	Description	By	Date
1	Preliminary	SO	3-Mar-25

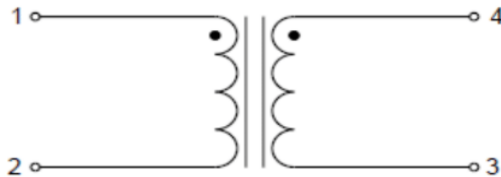
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	595μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 25.5Adc
	ΔL≤20% @ 37.5Adc
	ΔL≤30% @ 48.5Adc
Irms(1-2//3-4):	ΔT≤40°C @ 32.5Adc
	ΔT≤60°C @ 41.5Adc
DCR(1-2//3-4):	12.0mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



Note: Connect coils in parallel for a full load operation

MARKING

MPS
PX1391-601_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:	SO	3-Mar-25	SIZE	Description	REV
Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	CHECKED BY:	SO	28-May-25	A	Part Number PX1391-601	1
				WEIGHT: XX gms SHEET: 1 OF 2		



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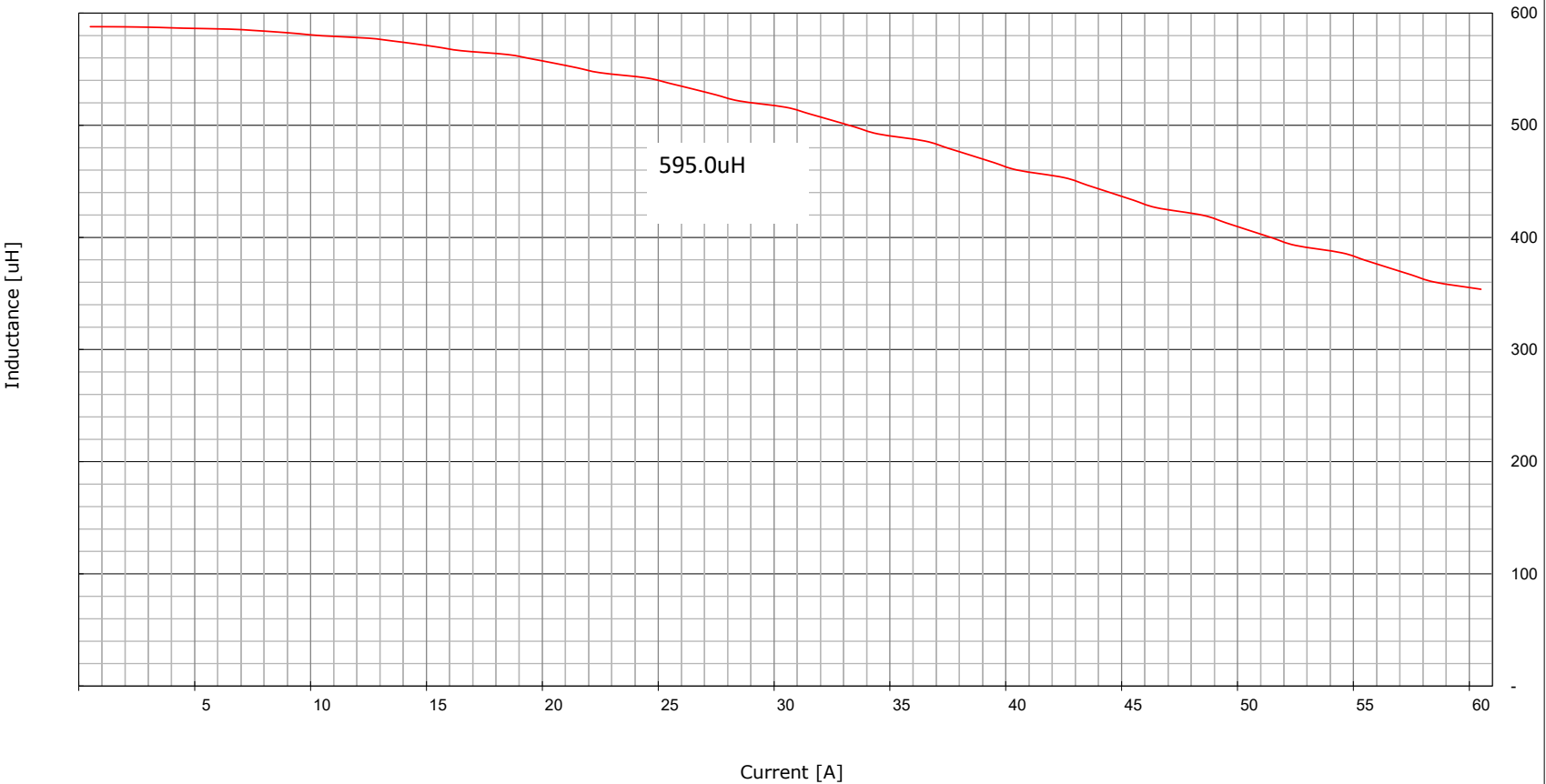
Tel: (310) 325-1043 Fax: (310) 325-1044

Description

Power Inductor

Rev	Description	By	Date
1	Preliminary	SO	3-Mar-25

DC Bias Characteristics



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Dimensions

Unless otherwise specified
 .XX ± .010" [0,254mm]
 .XXX ± .005" [0,13mm]

DRAWN BY:
 CHECKED BY:

SO
 SO

3-Mar-25
 28-May-25

SIZE

A

SCALE: X:X



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

Description

Power Inductor

Part Number

PX1391-601

REV

1

WEIGHT: XX gms

SHEET: 2 OF 2