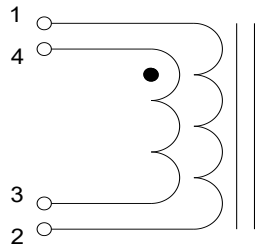


Rev	Description	By	Date
1	Preliminary	SO	16-Jun-25

ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	971.0μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 20Adc
	ΔL≤20% @ 29.5Adc
	ΔL≤30% @ 38Adc
Irms(1-2//3-4):	ΔT≤40°C @ 23Adc
	ΔT≤60°C @ 29Adc
DCR(1-2//3-4):	24mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

SCHEMATIC



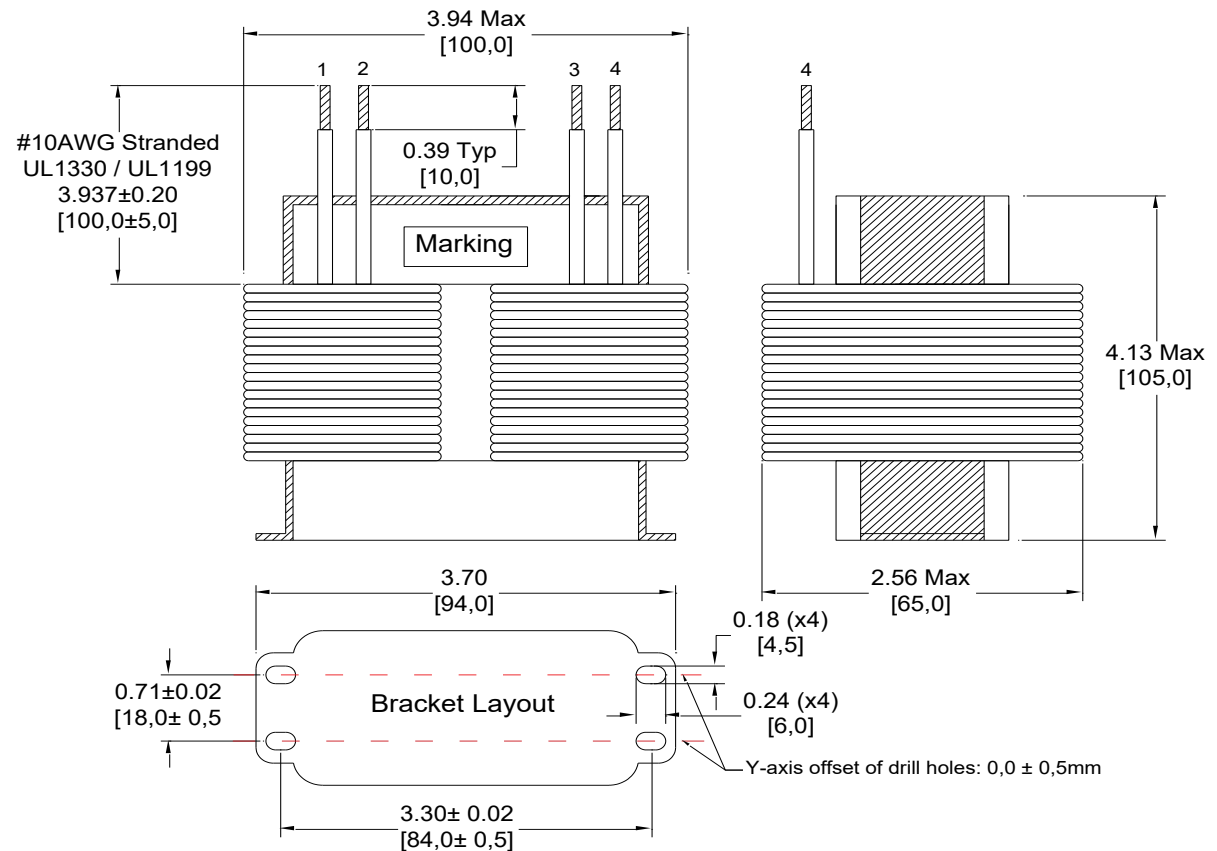
MARKING

MPS
PX1391-971_REV#
Date Code

NOTE

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

DIMENSIONS



Dimensions: inch/[mm]

Notice of Proprietary Property

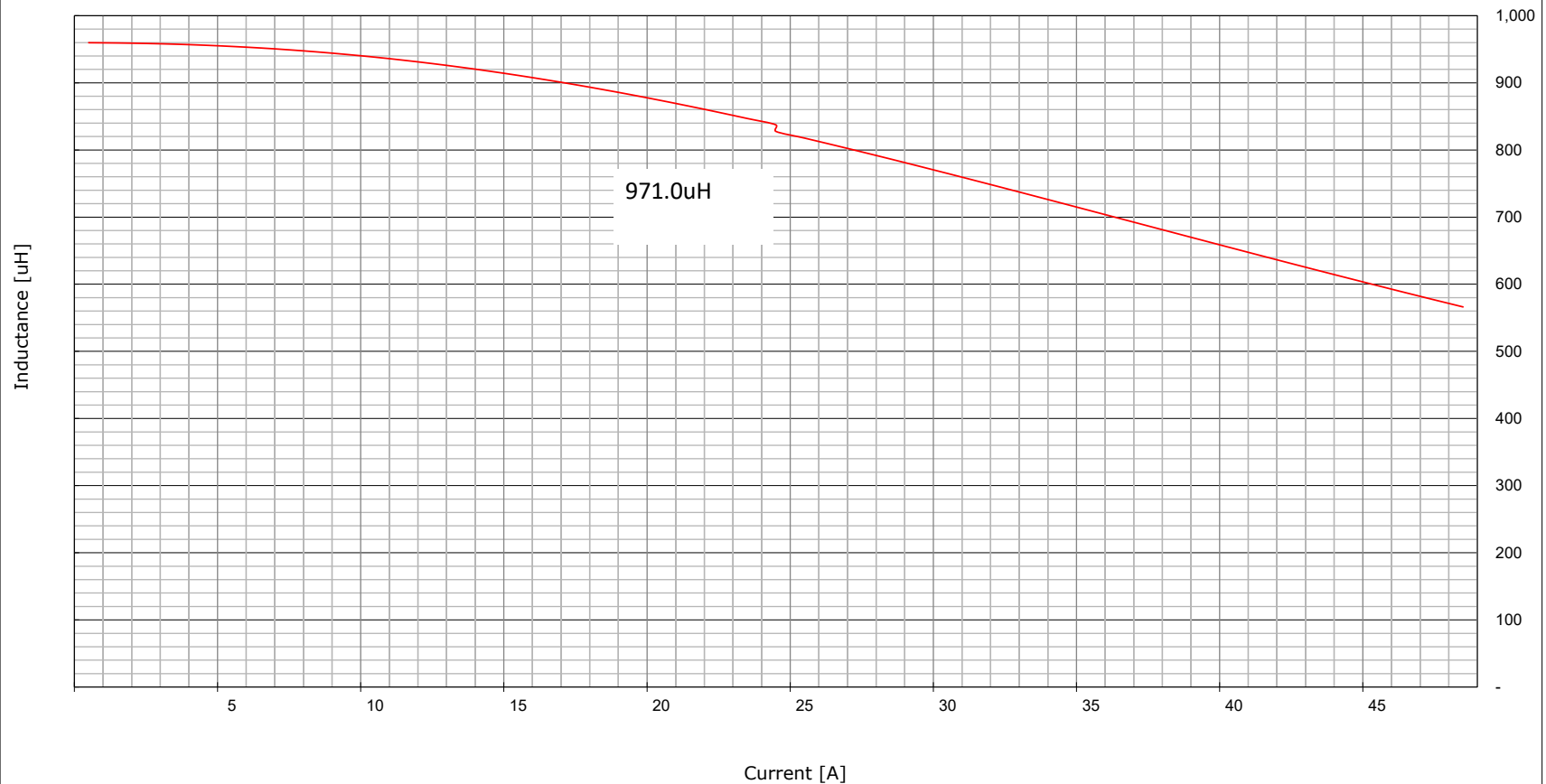
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Dimensions	DRAWN BY:	SO	16-Jun-25	SIZE
Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	CHECKED BY:	SO	16-Jun-25	A

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Description	Power Inductor
Part Number	PX1391-971
WEIGHT: XX gms	SHEET: 1 OF 2
REV	1

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

DC Bias Characteristics



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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	PX1391-971			1
					SCALE: X:X		WEIGHT: XX gms	SHEET: 2 OF 2



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Description

Power Inductor

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2