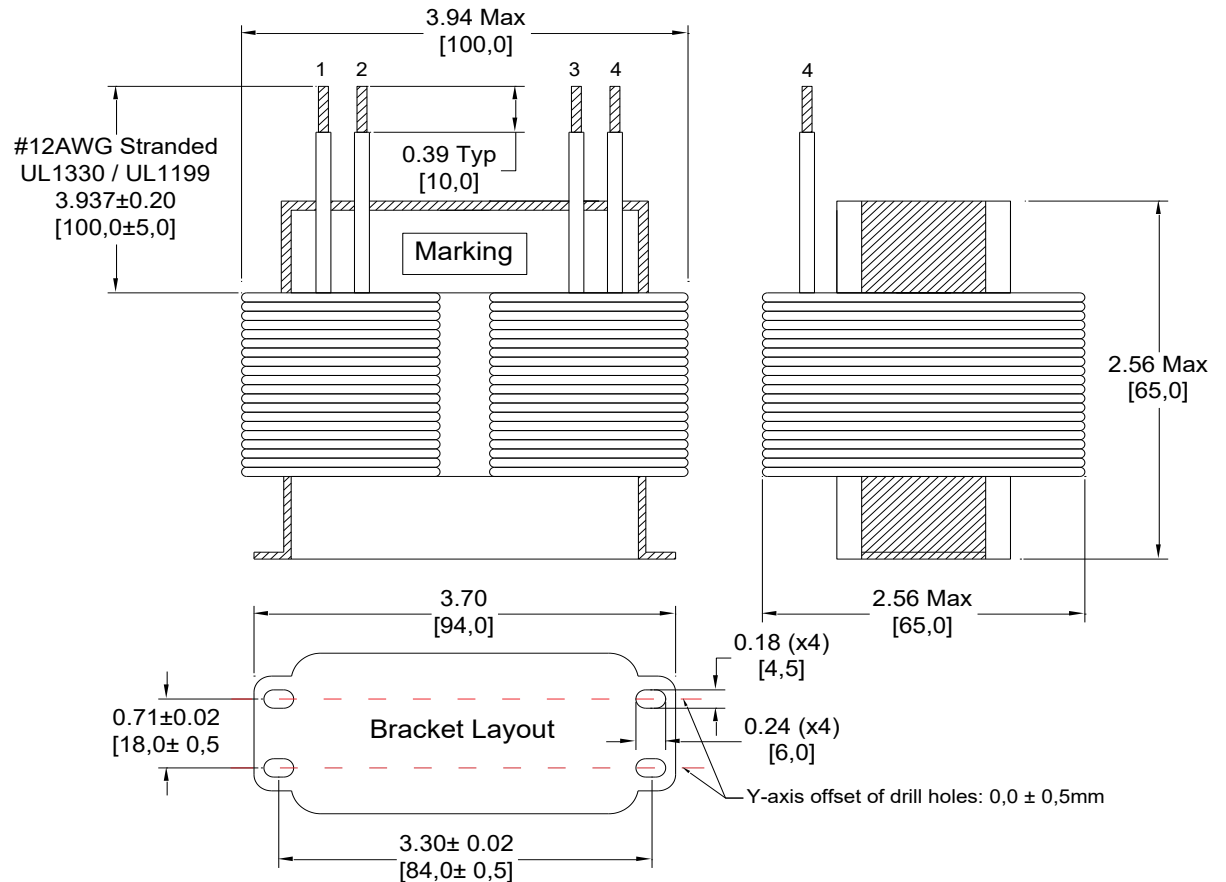


Rev	Description	By	Date
1	Preliminary	SO	28-May-25

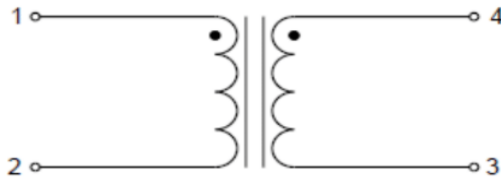
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	490.0μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 23Adc
	ΔL≤20% @ 34Adc
	ΔL≤30% @ 43.5Adc
Irms(1-2//3-4):	ΔT≤40°C @ 26.5Adc
	ΔT≤60°C @ 34Adc
DCR(1-2//3-4):	17.5mΩ 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
PX1391-491_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 Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO SO	28-May-25 28-May-25	SIZE A
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MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Power Inductor

Part Number

PX1391-491

REV

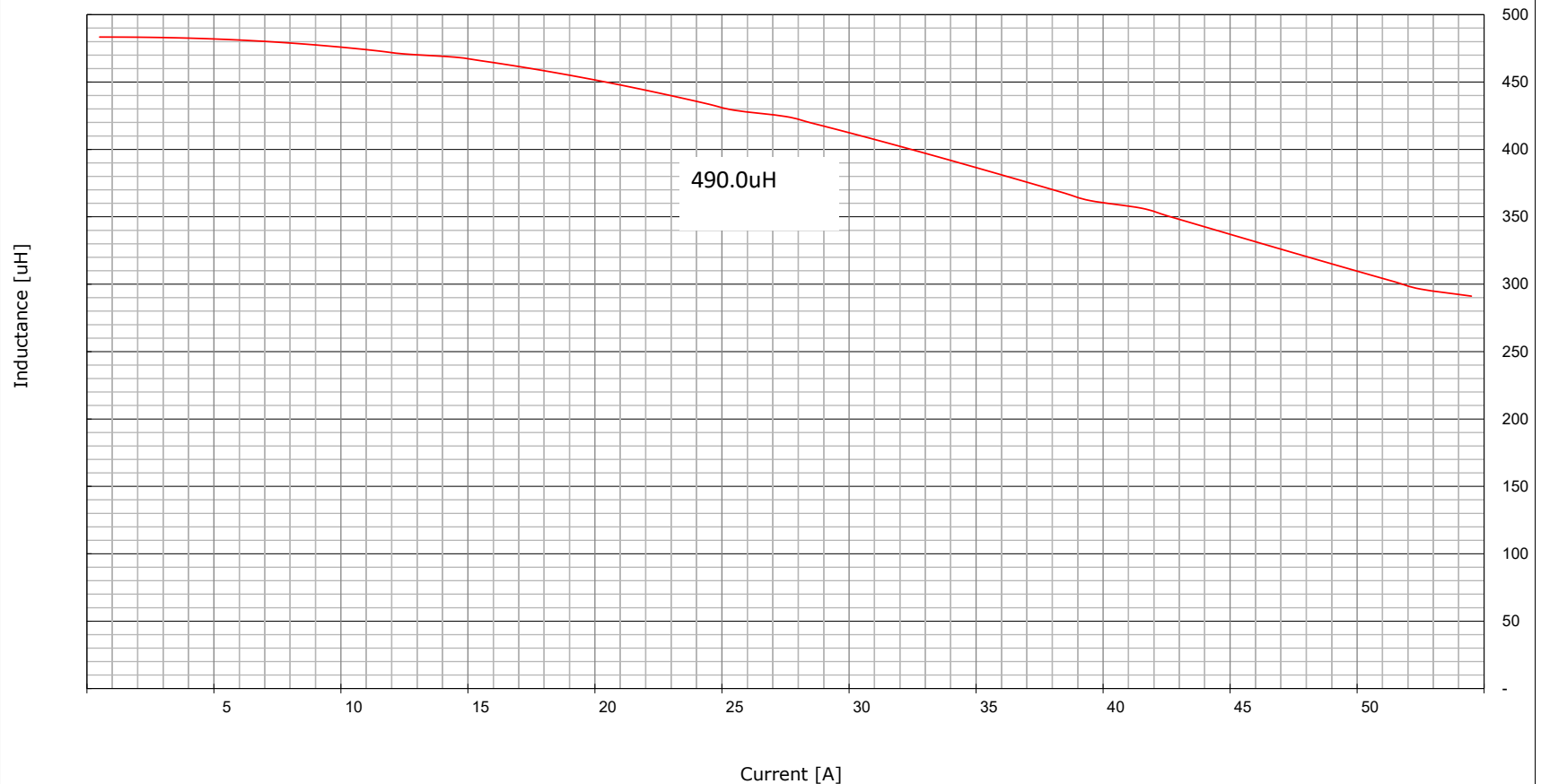
1

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	28-May-25

DC Bias Characteristics



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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY:	SO	28-May-25	SIZE	Part Number			REV
	CHECKED BY:	SO	28-May-25	A	PX1391-491			1
					SCALE: X:X		WEIGHT: XX gms	SHEET: 2 OF 2



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Description

Power Inductor