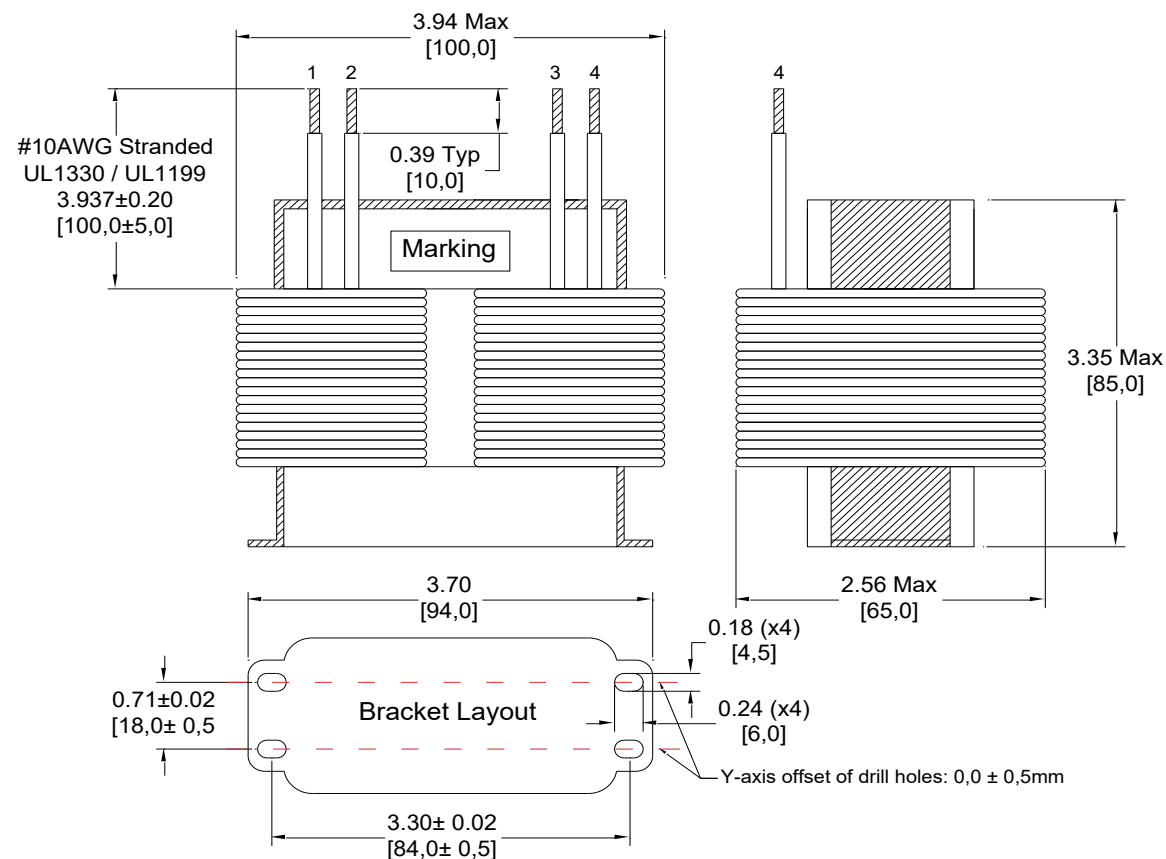


Rev	Description	By	Date
1	Preliminary	SO	27-May-25

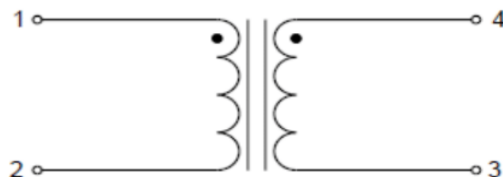
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-3 with 2-4 shorted):	3528.0μH±15% @ 10kHz, 1Vrms
Isat(1-3 with 2-4 shorted):	ΔL≤10% @ 9.5Adc
	ΔL≤20% @ 14Adc
	ΔL≤30% @ 18Adc
Irms(1-3 with 2-4 shorted):	ΔT≤40°C @ 15.5Adc
	ΔT≤60°C @ 20Adc
DCR(1-3 with 2-4 shorted):	76mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



Note: Connect coils in series for a full load operation

MARKING

MPS
PX1391-352_Rev
Date Code

Dimensions: inch/[mm]

Notice of Proprietary Property

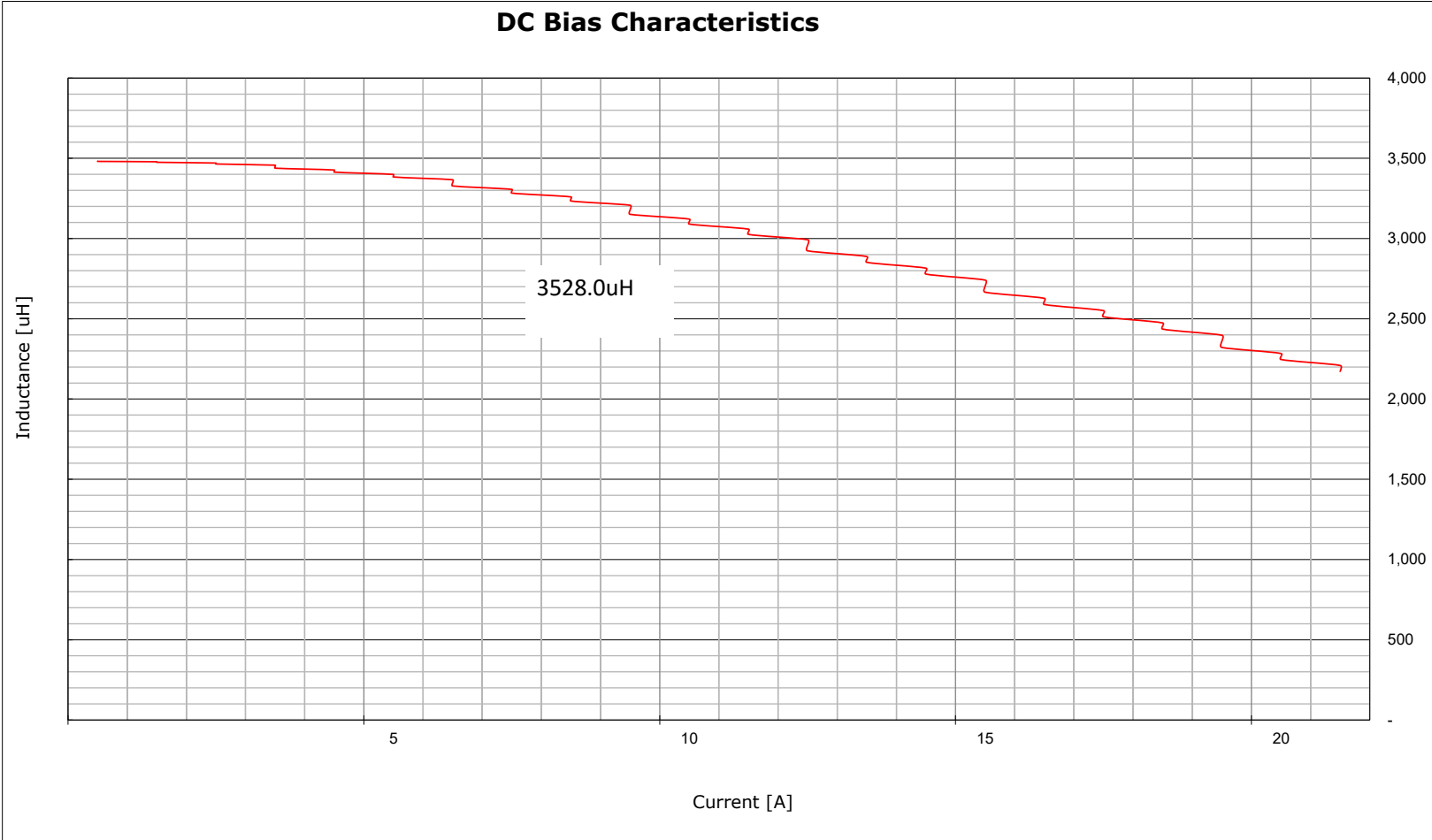
These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization

Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO SO	3-Mar-25 28-May-25	SIZE A	Description Power Inductor Part Number PX1391-352	REV 1
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WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	27-May-25



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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



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Power Inductor

Part Number

PX1391-352

REV

1

WEIGHT: XX gms

SHEET: 2 OF 2