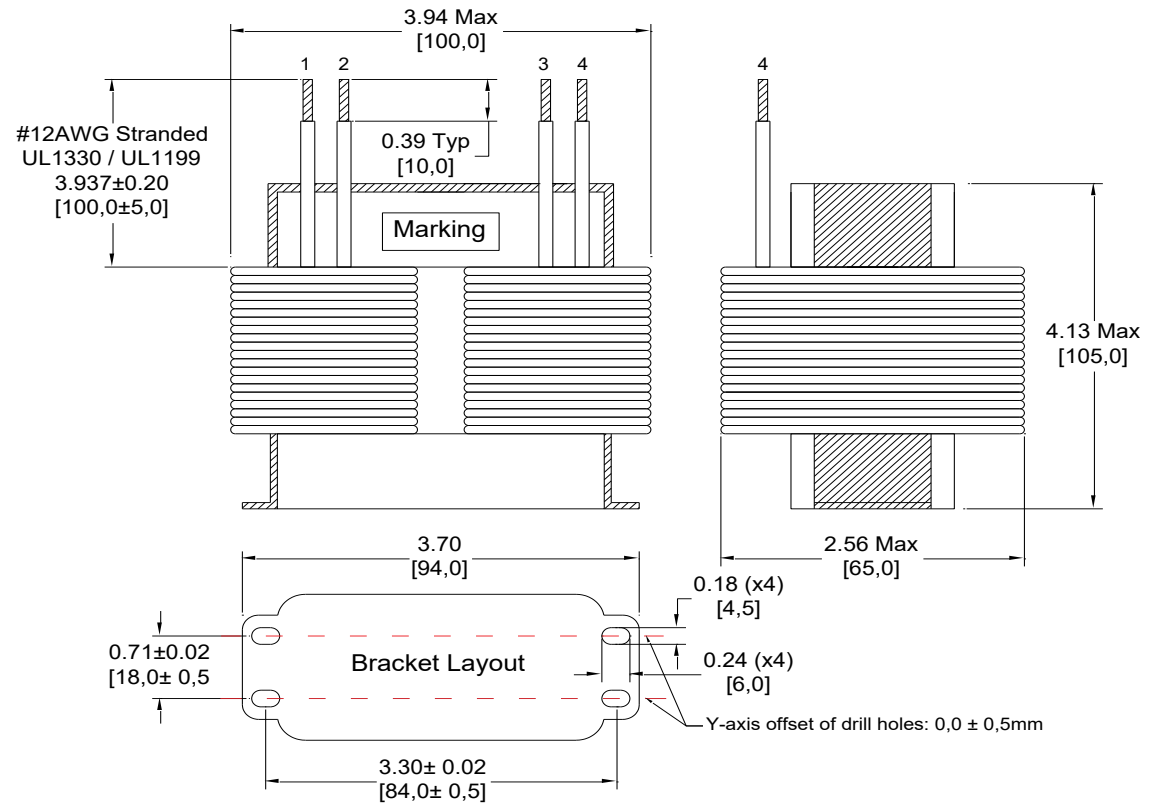


Rev	Description	By	Date
1	Preliminary	SO	16-Jun-25

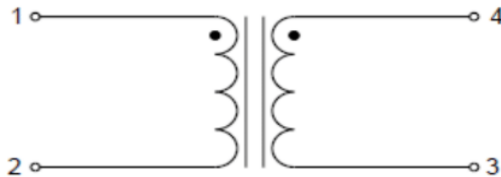
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-3 with 2-4 shorted):	4960.0μH±15% @ 10kHz, 1Vrms
Isat(1-3 with 2-4 shorted):	ΔL≤10% @ 8.5Adc
	ΔL≤20% @ 13Adc
	ΔL≤30% @ 17Adc
Irms(1-3 with 2-4 shorted):	ΔT≤40°C @ 13.5Adc
	ΔT≤60°C @ 17Adc
DCR(1-3 with 2-4 shorted):	138.0mΩ 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
PX1391-502_Rev#
Date Code

Dimensions: inch/[mm]

Notice of Proprietary Property

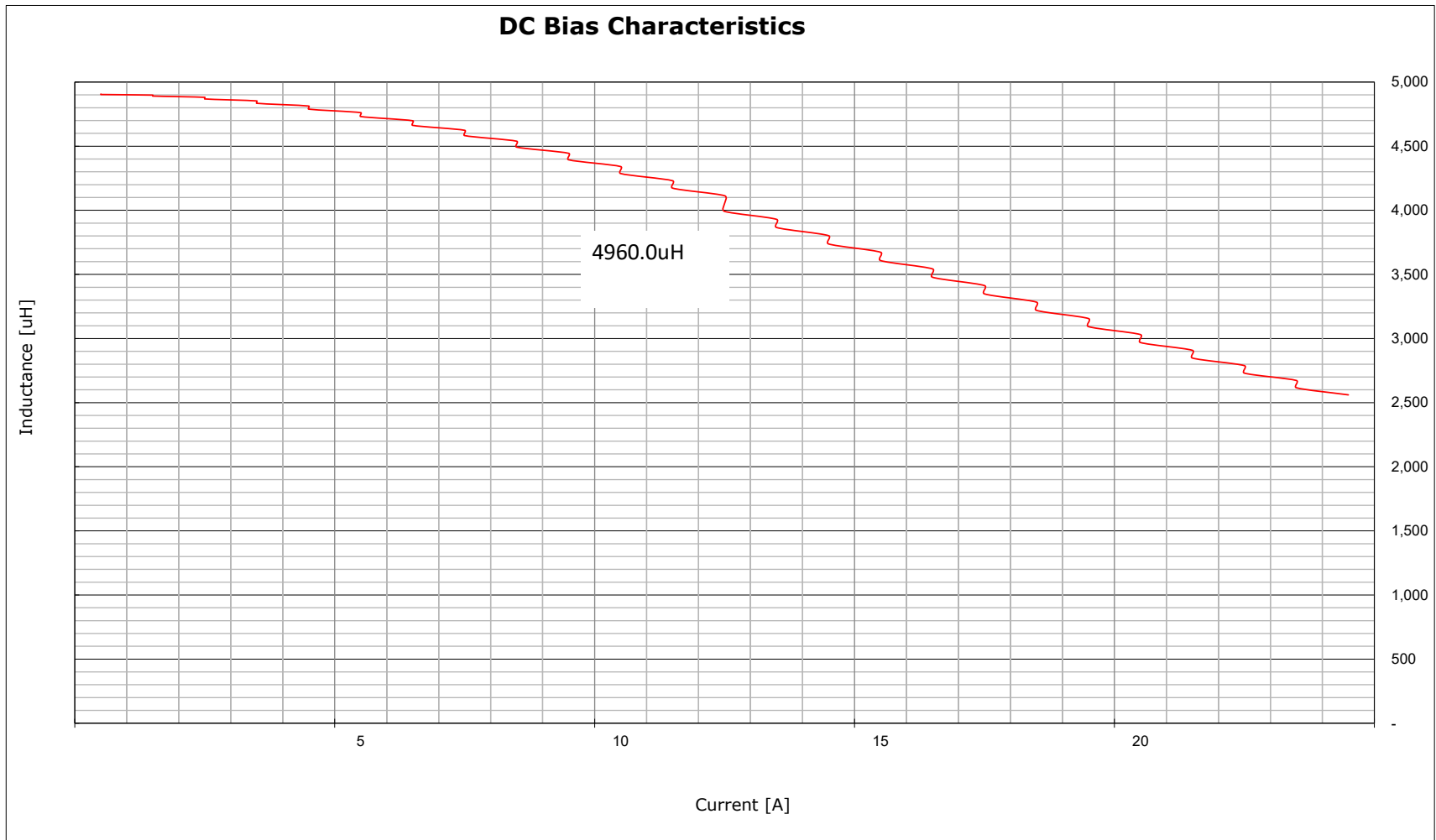
These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization

Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO SO	16-Jun-25 16-Jun-25	SIZE	Part Number	REV 1
				A	PX1391-502	
				WEIGHT: XX gms SHEET: 1 OF 2		

WEIGHT: XX gms

SHEET: 1 OF 2

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



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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	PX1391-502	1
					SCALE: X:X	

SCALE: X:X WEIGHT: XX gms SHEET: 2 OF 2



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Description

Power Inductor