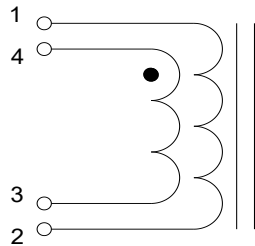


Rev	Description	By	Date
1	Preliminary	SO	18-Jun-25

ELECTRICAL SPECIFICATIONS @ 25°C

L(1-3 with 2-4 shorted):	2940.0μH±15% @ 10kHz, 1Vrms
I _{sat} (1-3 with 2-4 shorted):	ΔL≤10% @ 11.5Adc
	ΔL≤20% @ 17Adc
	ΔL≤30% @ 21.5Adc
I _{rms} (1-3 with 2-4 shorted):	ΔT≤40°C @ 19.5Adc
	ΔT≤60°C @ 24.5Adc
DCR(1-3 with 2-4 shorted):	68.0mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

SCHEMATIC

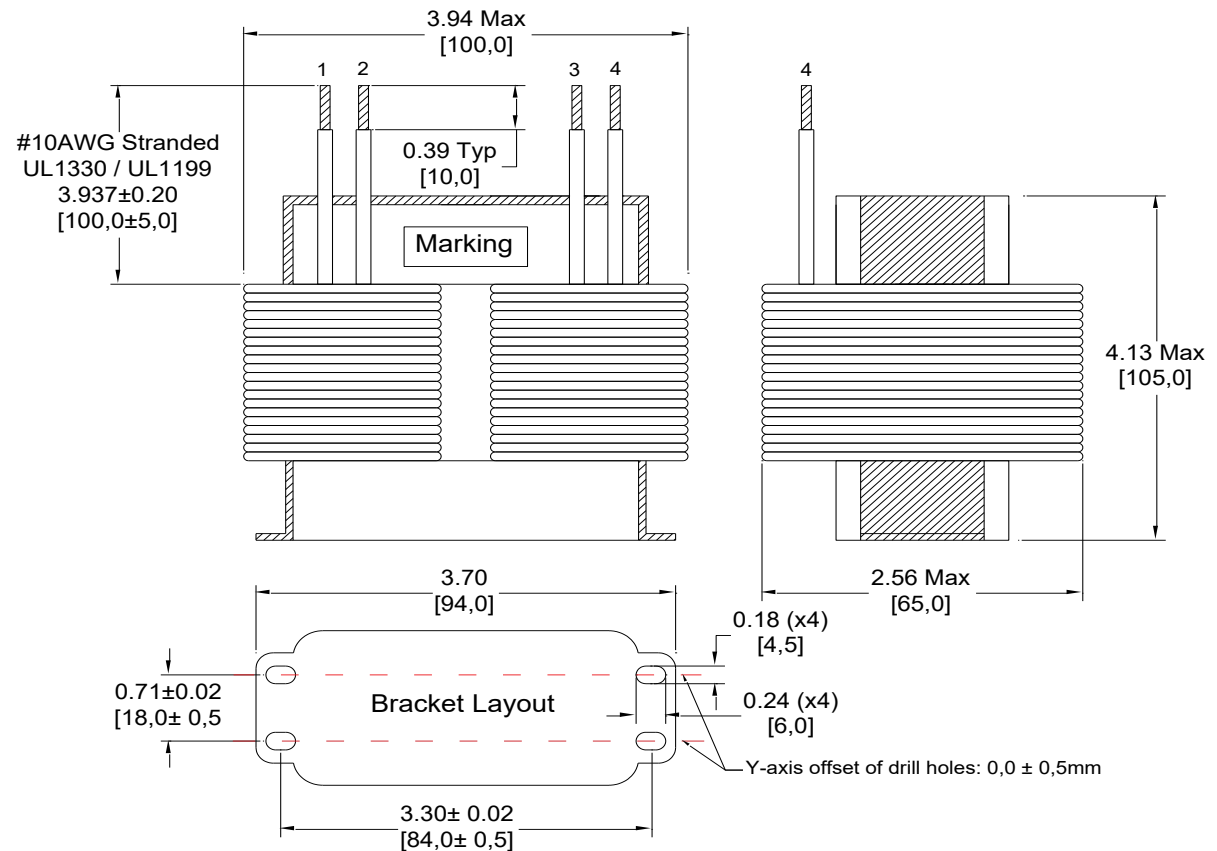


Note: Connect coils in series for a full load operation

MARKING

MPS
PX1391-292_Rev#
Date Code

DIMENSIONS



Dimensions: inch/[mm]

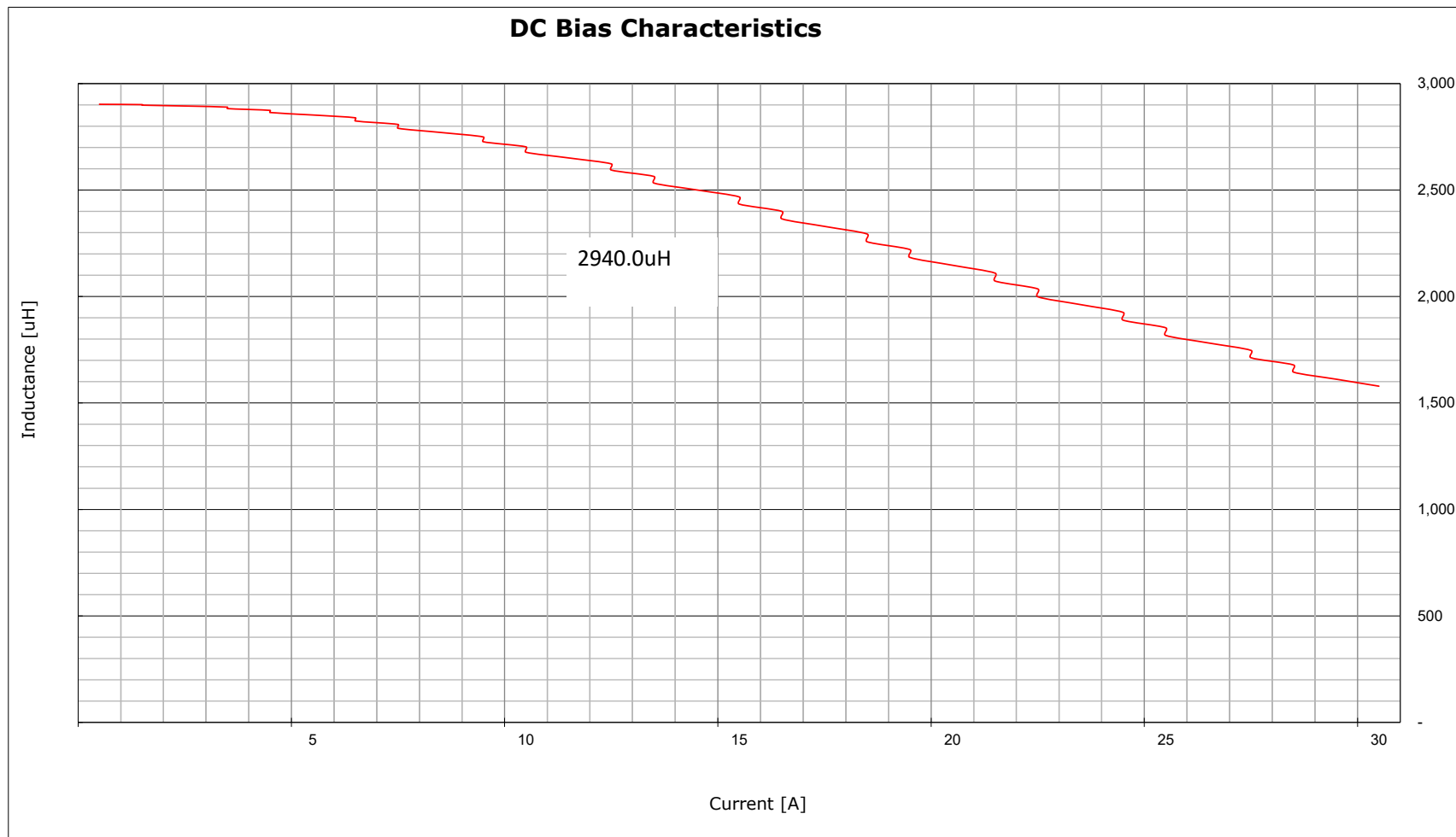
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Dimensions	DRAWN BY:	SO	16-Jun-25	SIZE
Unless otherwise specified	CHECKED BY:	SO	16-Jun-25	A
.XX ± .010" [0,254mm]				
.XXX ± .005" [0,13mm]				

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044		Description	
		Power Inductor	
Part Number		REV	
PX1391-292		1	
WEIGHT: XX gms		SHEET: 1 OF 2	

Rev	Description	By	Date
1	Preliminary	SO	18-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	PX1391-292	
				SCALE: X:X		



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Power Inductor

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2