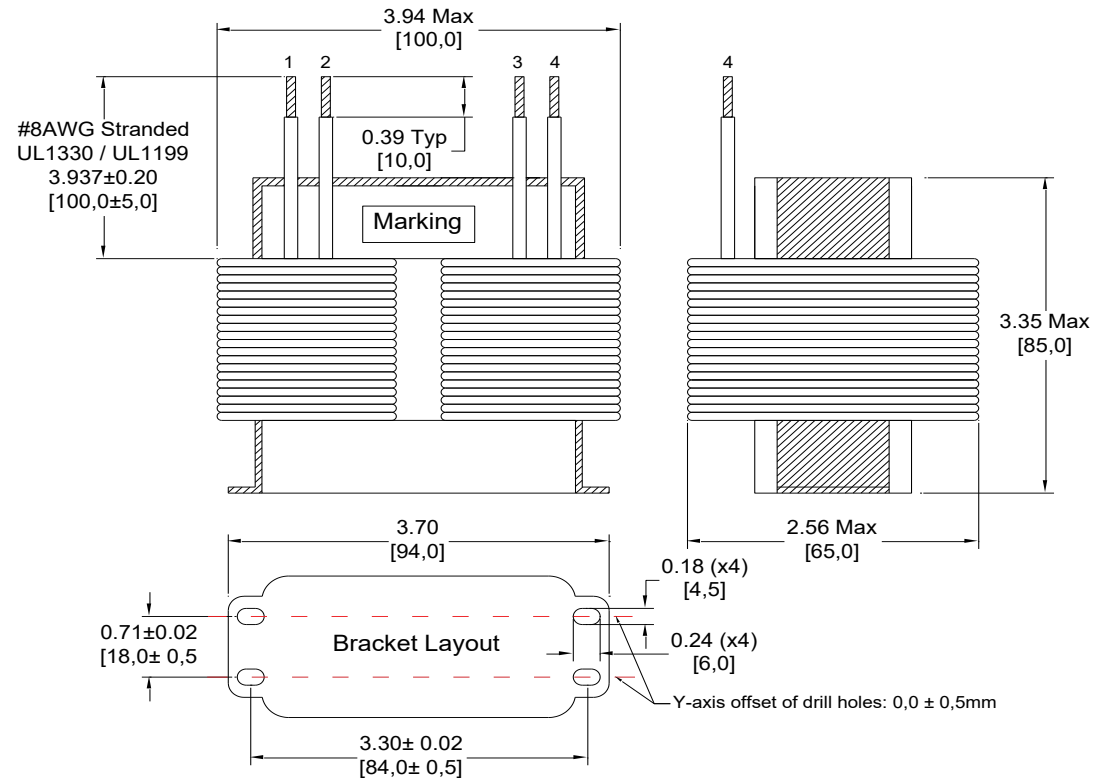


Rev	Description	By	Date
B	Corrected DCR from 3.5mΩ to 10mΩ	SO	17-Oct-22
C	Change bracket style	SO	29-May-25

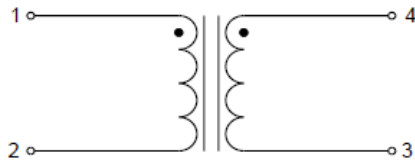
ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	317.5μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 32Adc
	ΔL≤20% @ 47Adc
	ΔL≤30% @ 62Adc
Irms(1-2//3-4):	ΔT≤40°C @ 36.5Adc
	ΔT≤60°C @ 46.5Adc
DCR(1-2//3-4):	7.0mΩ Max
Insulation Class:	Class H 180°C Min
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



Note: Connect coils in parallel for full load operation

MARKING

MPS
PX1391-321_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 or sale of apparatus without express written authorization

Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO AY	25-Aug-22 25-Aug-22	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

PX1391-321

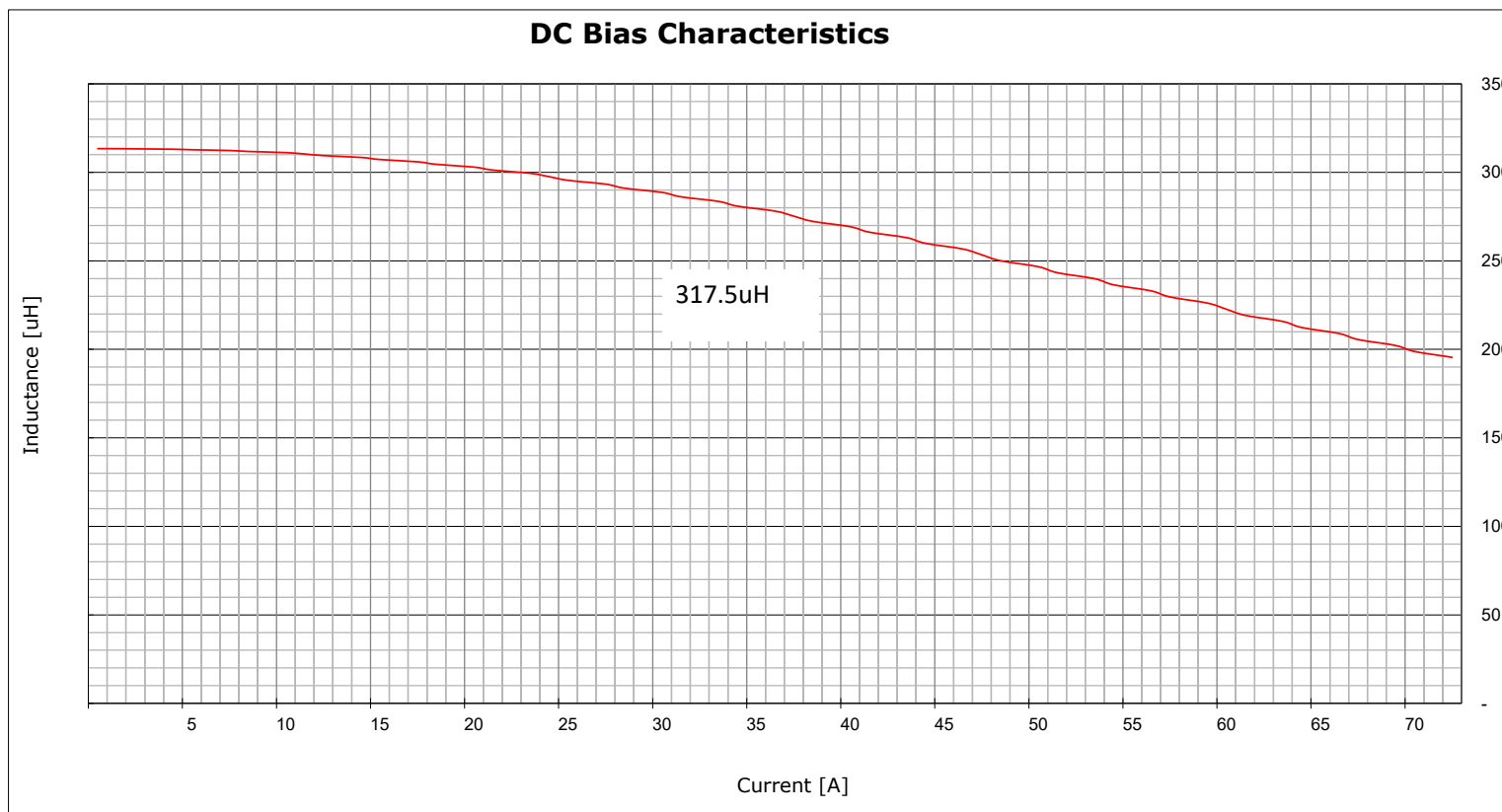
REV

C

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
B	Corrected DCR from 3.5mΩ to 10mΩ	SO	17-Oct-22
C	Change bracket style	SO	29-May-25



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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO AY	25-Aug-22 25-Aug-22	SIZE A	Part Number	REV
					PX1391-321	C



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