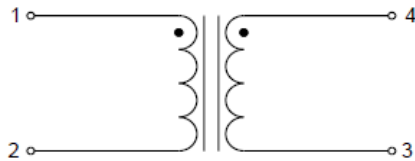


Rev	Description	By	Date
B	Corrected DCR from 5mΩ to 12mΩ	SO	17-Oct-22
C	Change mounting bracket	SO	29-May-25

ELECTRICAL SPECIFICATIONS @ 25°C

L(1-2//3-4):	240.0μH±15% @ 10kHz, 1Vrms
Isat(1-2//3-4):	ΔL≤10% @ 33Adc ΔL≤20% @ 48.5Adc ΔL≤30% @ 62.5Adc ΔT≤40°C @ 33.5Adc ΔT≤60°C @ 45.5Adc
Irms(1-2//3-4):	10mΩ Max
DCR(1-2//3-4):	Class H 180°C Min
Insulation Class:	Yes
RoHS Compliant:	

SCHEMATIC

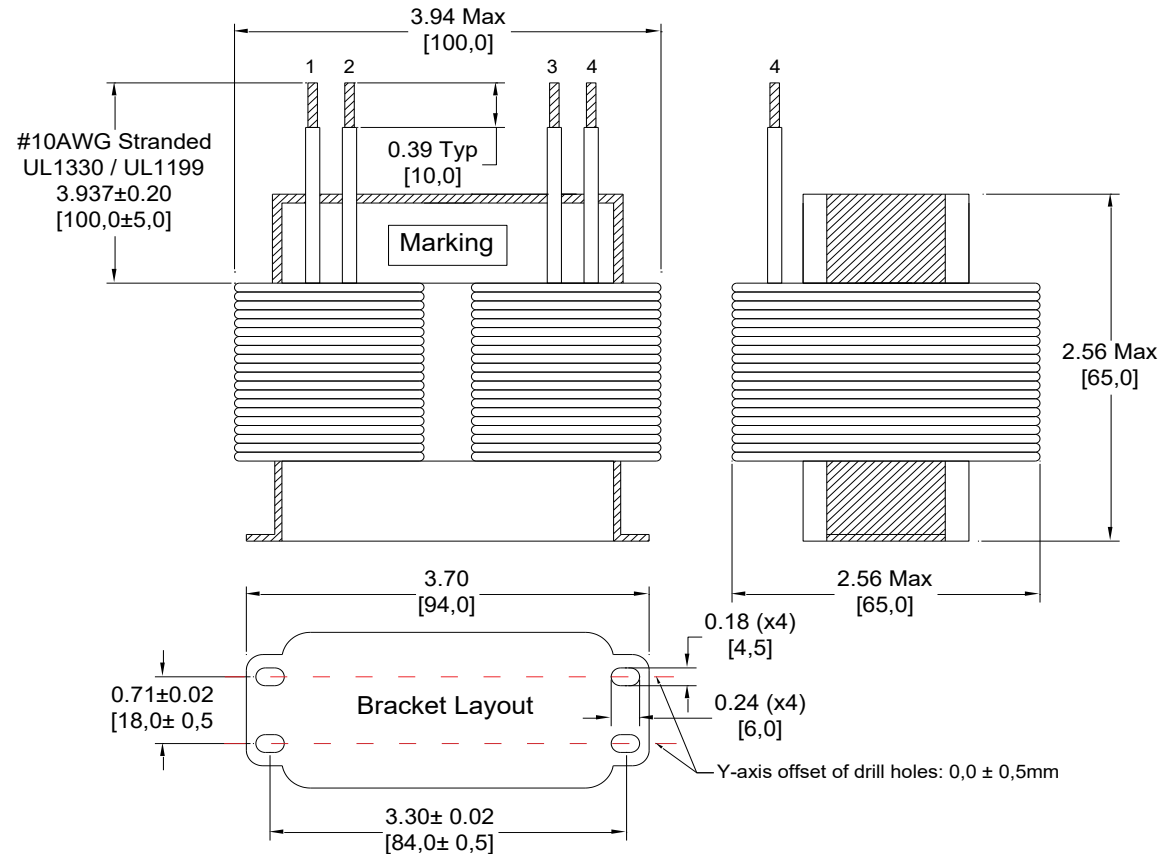


Note: Connect coils in parallel for a full load operation

MARKING

MPS
PX1391-241_Rev
Date Code

DIMENSIONS



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 AY	25-Aug-22 25-Aug-22	SIZE A	Description Power Inductor	REV C
Part Number PX1391-241					WEIGHT: XX gms	SHEET: 1 OF 2

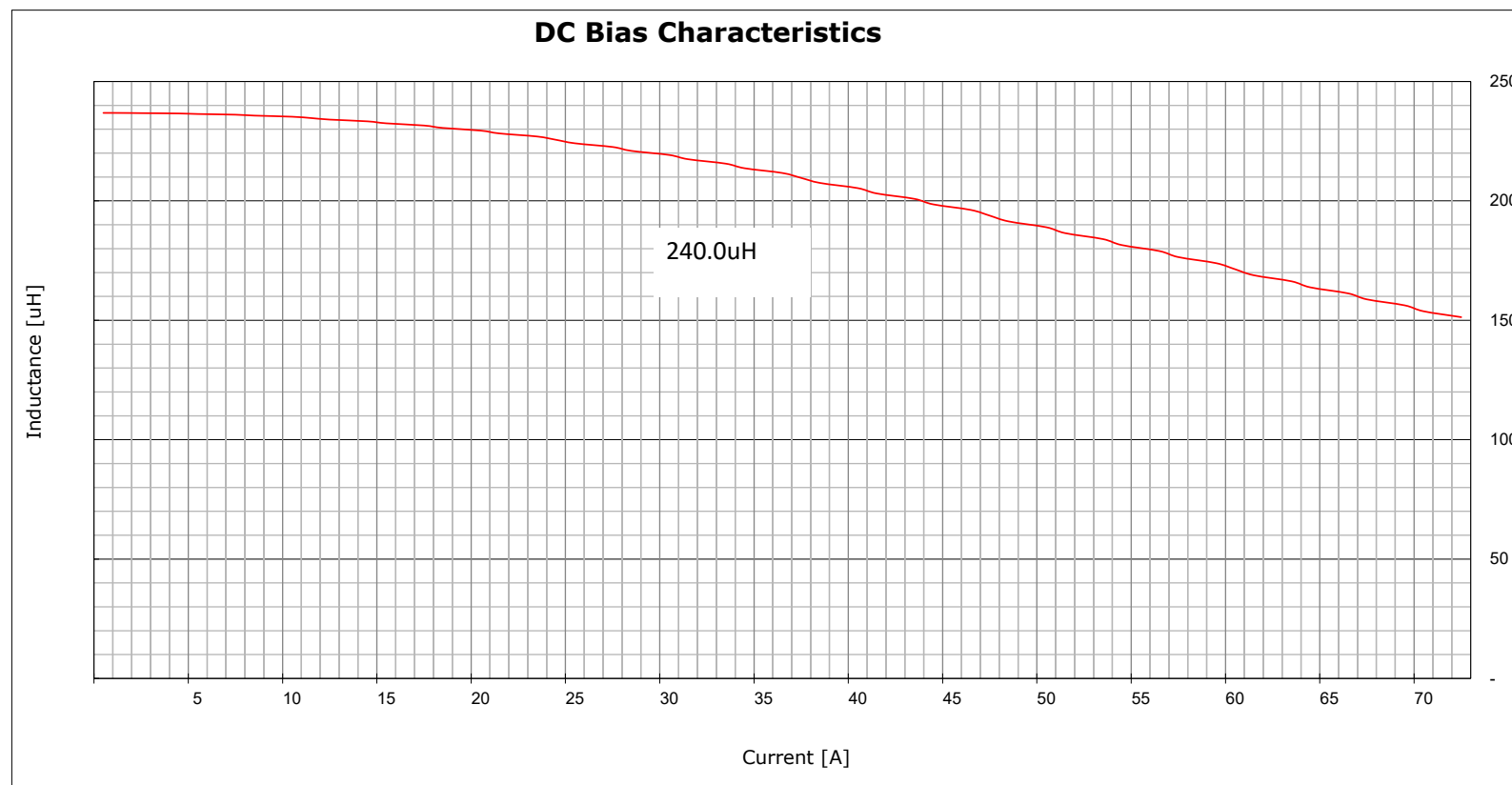


MPS INDUSTRIES, INC.

www.mpsind.com

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

Rev	Description	By	Date
B	Corrected DCR from 5mΩ to 12mΩ	SO	17-Oct-22
C	Change mounting bracket	SO	29-May-25



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 AY	25-Aug-22 25-Aug-22	SIZE A	Part Number	REV
					PX1391-241	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