

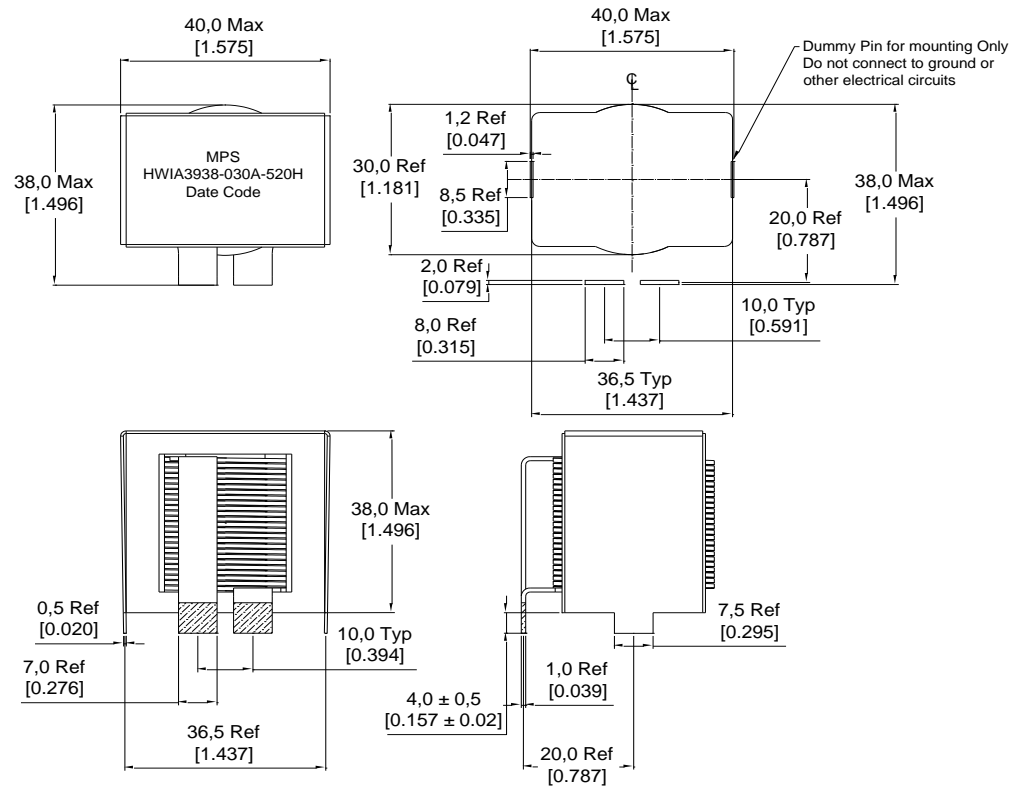
Rev	Description	By	Date
1	Preliminary	SO	4-Dec-23

ELECTRICAL SPECIFICATIONS @ 25°C

L: 52μH±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 15% @ 30A
 DCR: 4mΩ Max
 Hipot: 500Vdc, 1mA Max, 5s, wdg to core
 Insulation Class: Class H, 180°C Min
 RoHS Compliant: Yes

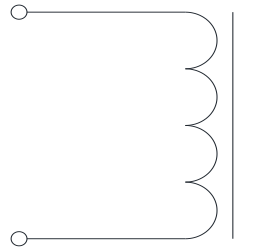
DIMENSIONS

Recommended PCB Layout



Dimensions: mm/[inch]

SCHEMATIC



MARKING

MPS
 HWIA3938-030A-520H_REV#
 Date Code

Notice of Proprietary Property

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Dimensions	DRAWN BY:	SO	4-Dec-23	SIZE
Unless otherwise specified	CHECKED BY:	SO	4-Dec-23	A
.XX ± 0.254mm [.010"]				
.XXX ± 0,13mm [.005"]				



MPS INDUSTRIES, INC.

www.mpsind.com

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Description

Helical Wound Inductor

Part Number

HWIA3938-030A-520H

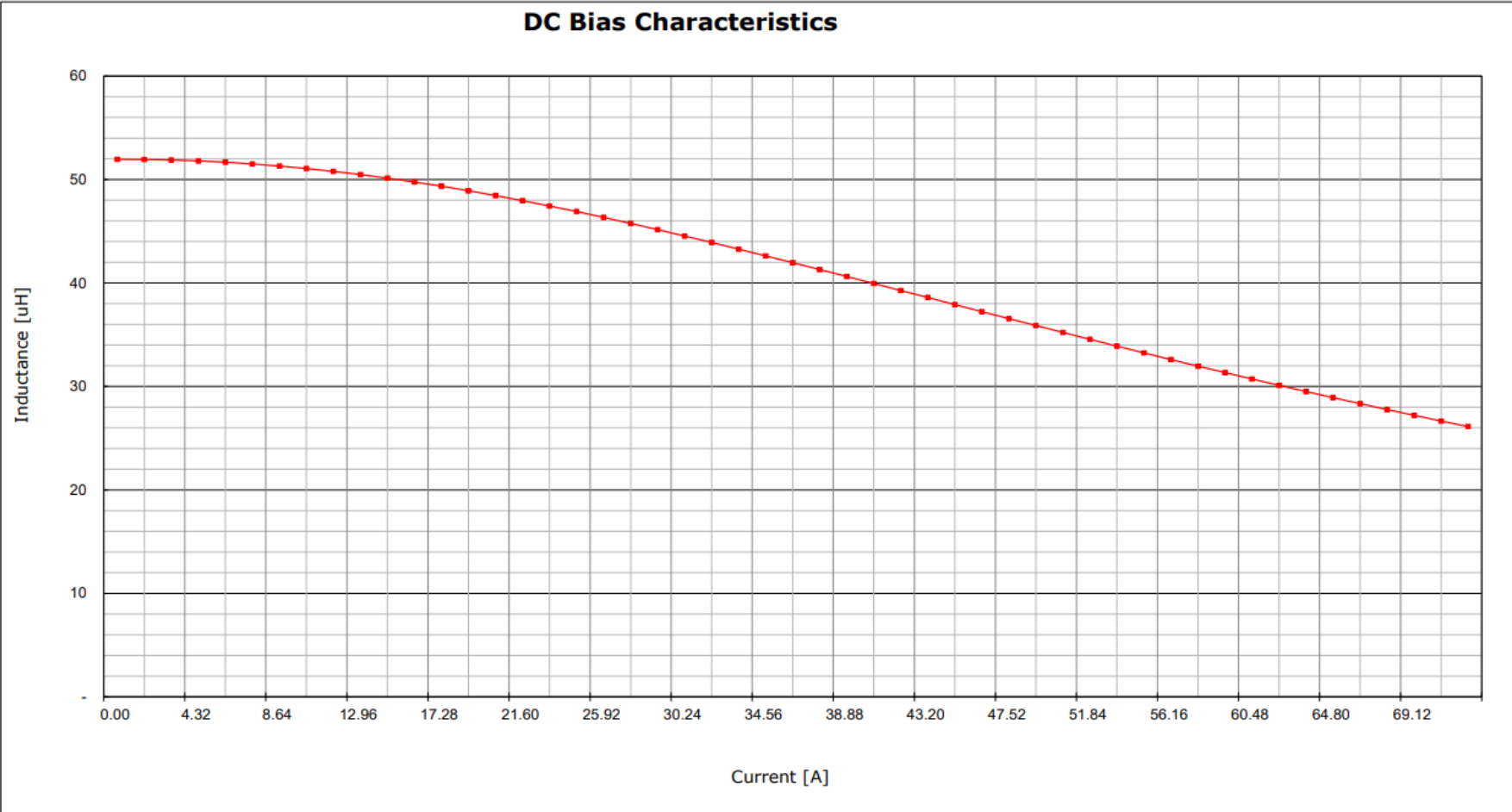
REV

1

WEIGHT: XX gms

SHEET: 1 OF 2

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	CHECKED BY:	SO	4-Dec-23	A	HWIA3938-030A-520H	1
		SCALE: X:X		WEIGHT: XX gms		SHEET: 2 OF 2