

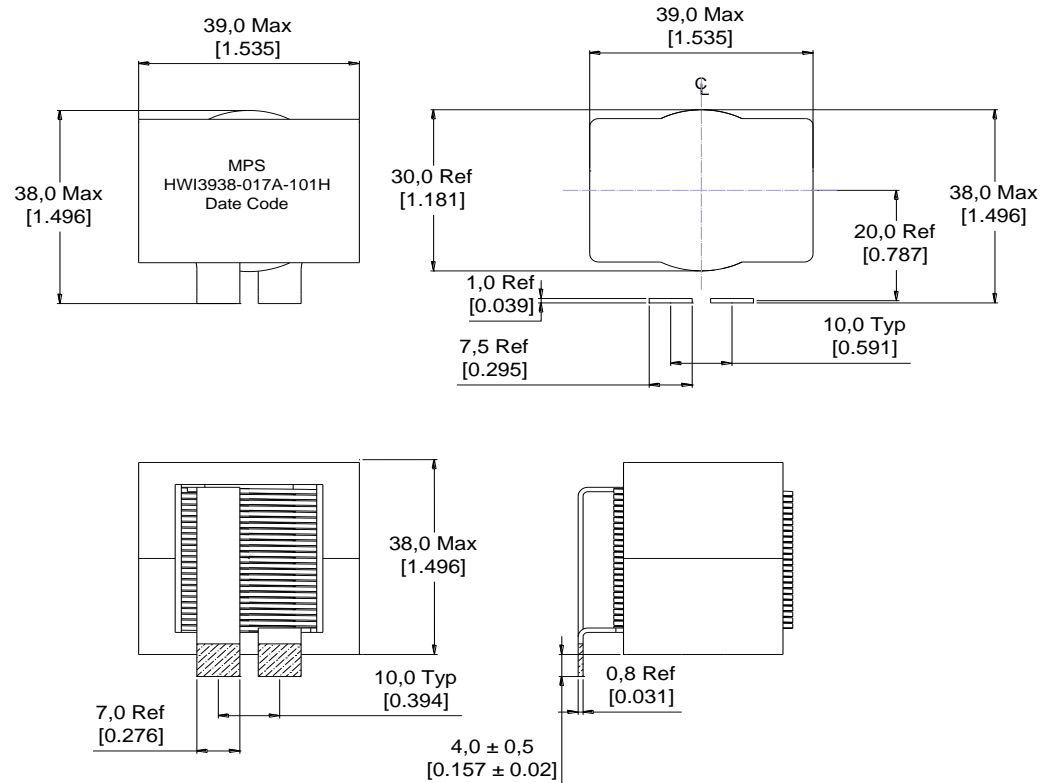
Rev	Description	By	Date
1	Preliminary	SO	23-Jan-23

ELECTRICAL SPECIFICATIONS @ 25°C

L:	105μH±15% @ 10kHz, 1Vrms
Isat:	ΔL ≤ 15% @ 20A
Ripple Current:	5Amps peak to peak Max @200KHz
Irms:	ΔT ≤ 50°C @ 17Arms
DCR:	7mΩ Max
Hipot:	500Vdc, 1mA Max, 5s, wdg to core
Insulation Class:	Class H 180°C
RoHS Compliant:	Yes

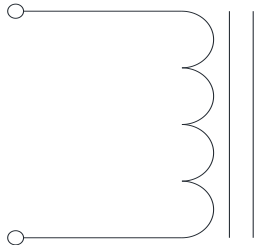
DIMENSIONS

Recommended PCB Layout



Dimensions: mm/[inch]

SCHEMATIC



MARKING

MPS
HWI3938-017A-101H_REV#
Date Code

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 ± 0.254mm [.010"] .XXX ± 0,13mm [.005"]		DRAWN BY:	SO	23-Jan-23	SIZE A	Part Number HWI3938-017A-101H	REVISION 1
		CHECKED BY:	SO	23-Jan-23			



MPS INDUSTRIES, INC.

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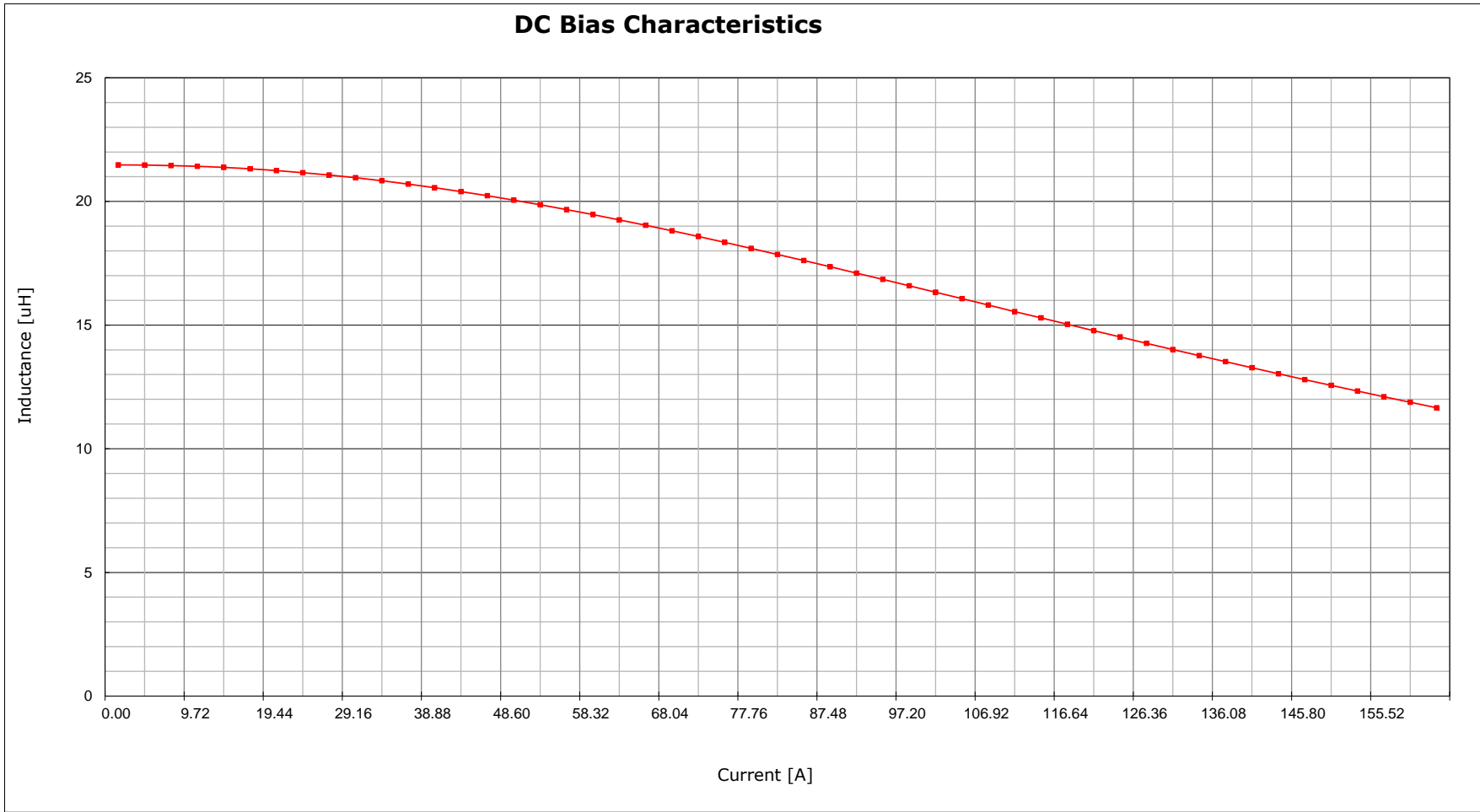
Description

Helical Wound Inductor

WEIGHT: XX gms

SHEET: 1 OF 2

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Description

Helical Wound Inductor

Dimensions
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DRAWN BY:
 CHECKED BY:

SO
 SO

23-Jan-23
 23-Jan-23

SIZE
A

Part Number

HWI3938-017A-101H

REV

1

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2