

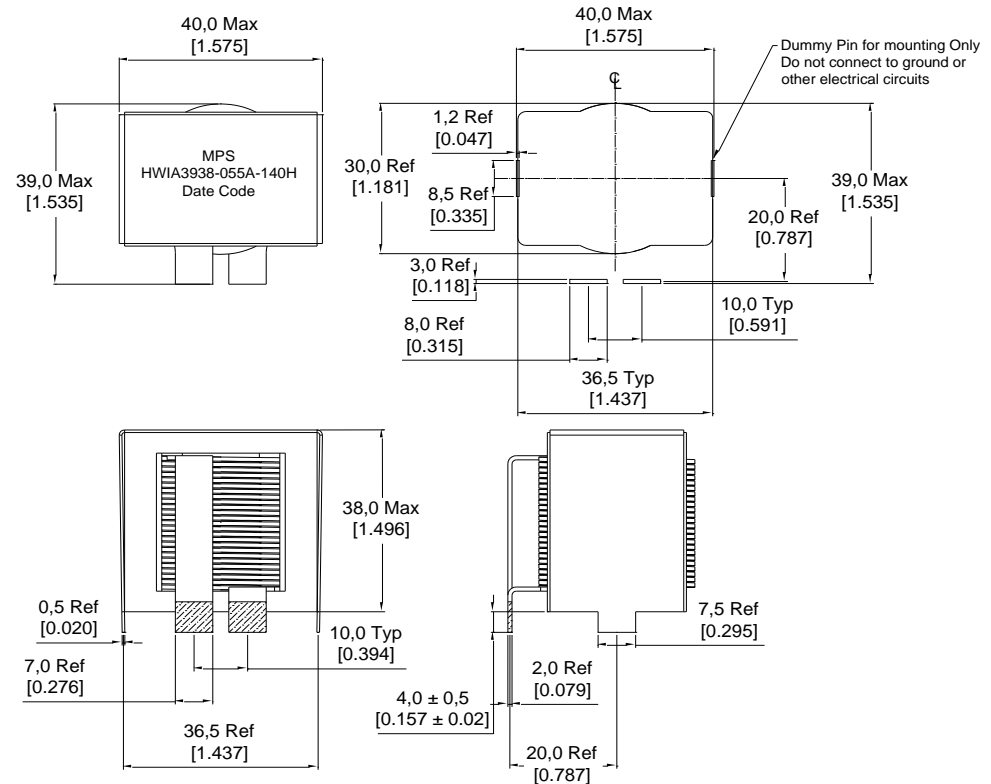
Rev	Description	By	Date
1	Preliminary	SO	5-Dec-23

ELECTRICAL SPECIFICATIONS @ 25°C

L:	14.4μH±15% @ 10kHz, 1Vrms
Isat:	ΔL ≤ 15% @ 55A
DCR:	2mΩ Max
Hipot:	500Vdc, 1mA Max, 5s, wdg to core
Insulation Class:	Class H, 180°C Min
RoHS Compliant:	Yes

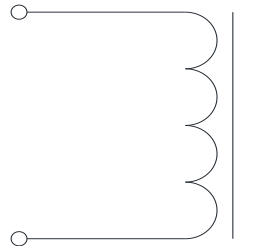
DIMENSIONS

Recommended PCB Layout



Dimensions: mm/[inch]

SCHEMATIC



MARKING

MPS
HWIA3938-055A-140H_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: CHECKED BY:	SO SO	4-Dec-23 4-Dec-23	SIZE A
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MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Helical Wound Inductor

Part Number

HWIA3938-055A-140H

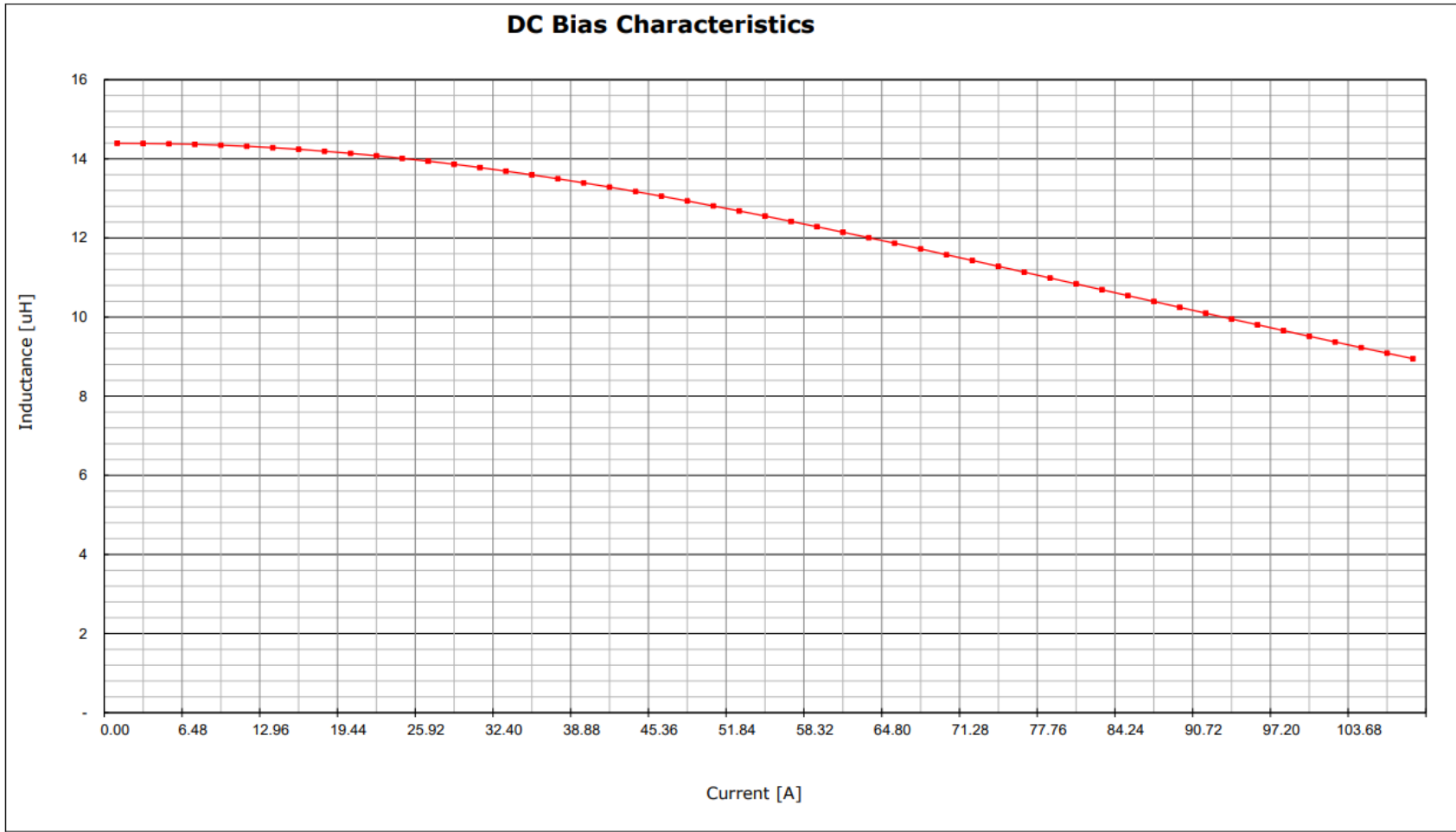
REV

1

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	5-Dec-23



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Description

Helical Wound Inductor

Dimensions
 Unless otherwise specified
 .XX ± 0.254mm [.010"]
 .XXX ± 0.13mm [.005"]

DRAWN BY:
 CHECKED BY:

SO
 SO

4-Dec-23
 4-Dec-23

SIZE
A

Part Number

HWIA3938-055A-140H

REV

1

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2