

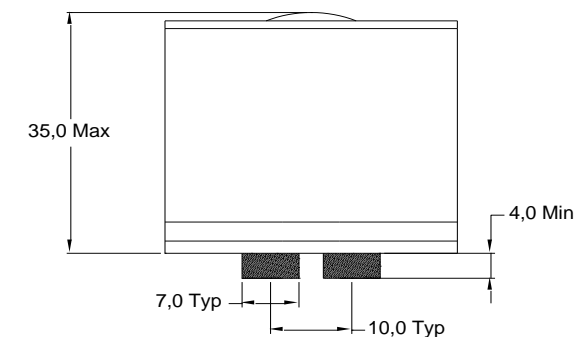
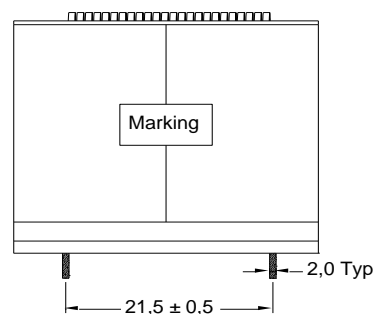
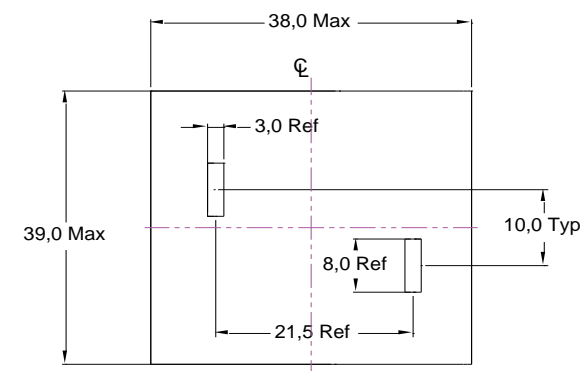
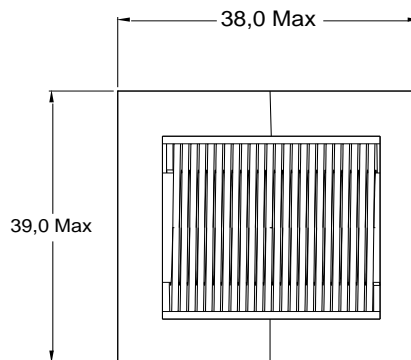
Rev	Description	By	Date
1	Preliminary	SO	29-May-24

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

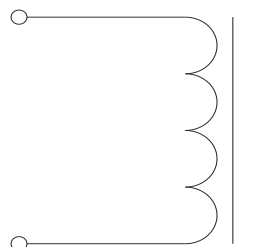
DIMENSIONS

Recommended PCB Layout



Dimensions: mm

SCHEMATIC



MARKING

MPS
 HWI3938-055A-140V_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	29-May-24 29-May-24	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

HWI3938-055A-140V

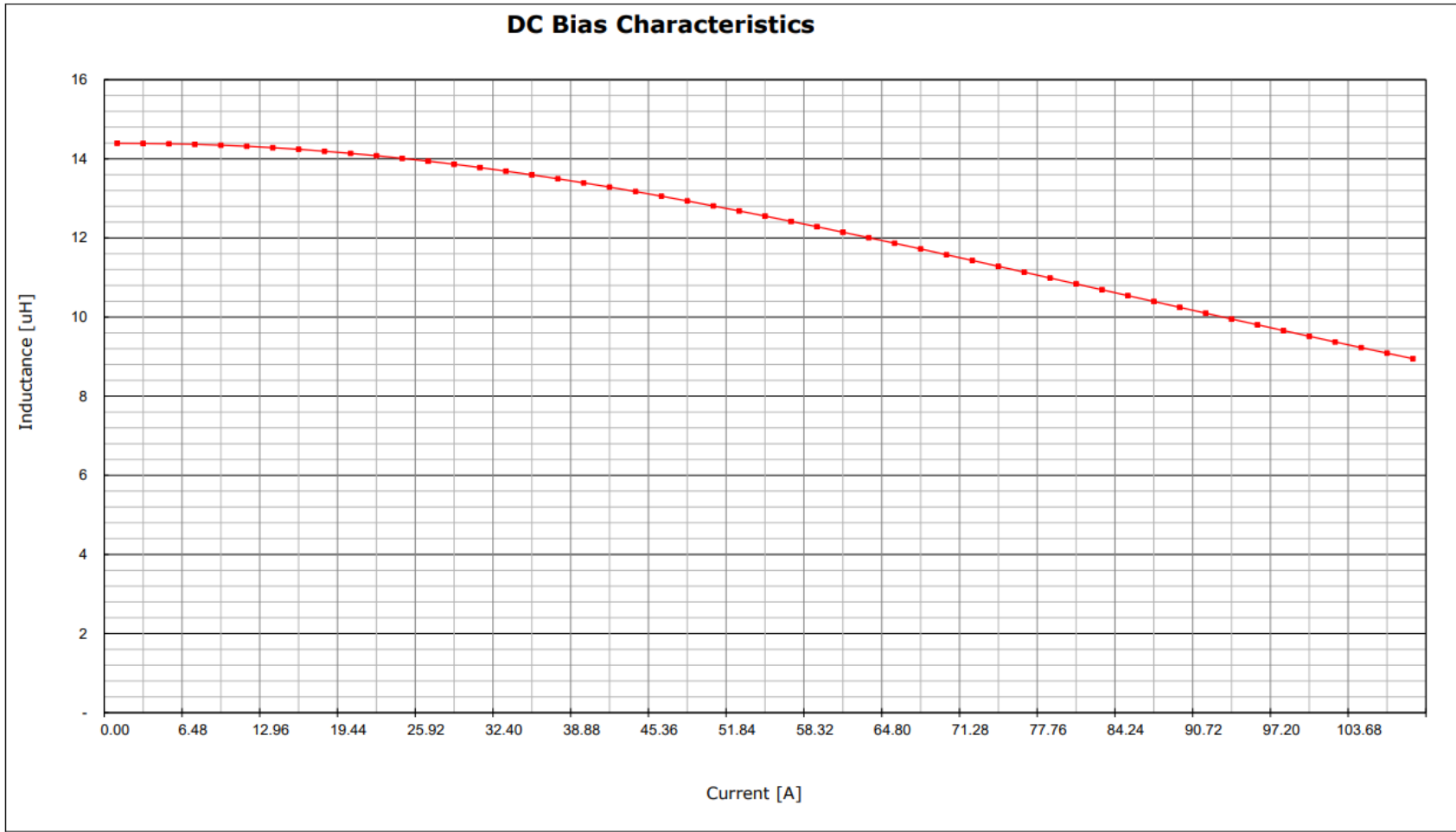
REV

1

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	29-May-24



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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

29-May-24
 29-May-24

SIZE
A

Part Number

HWI3938-055A-140V

REV

1

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2