

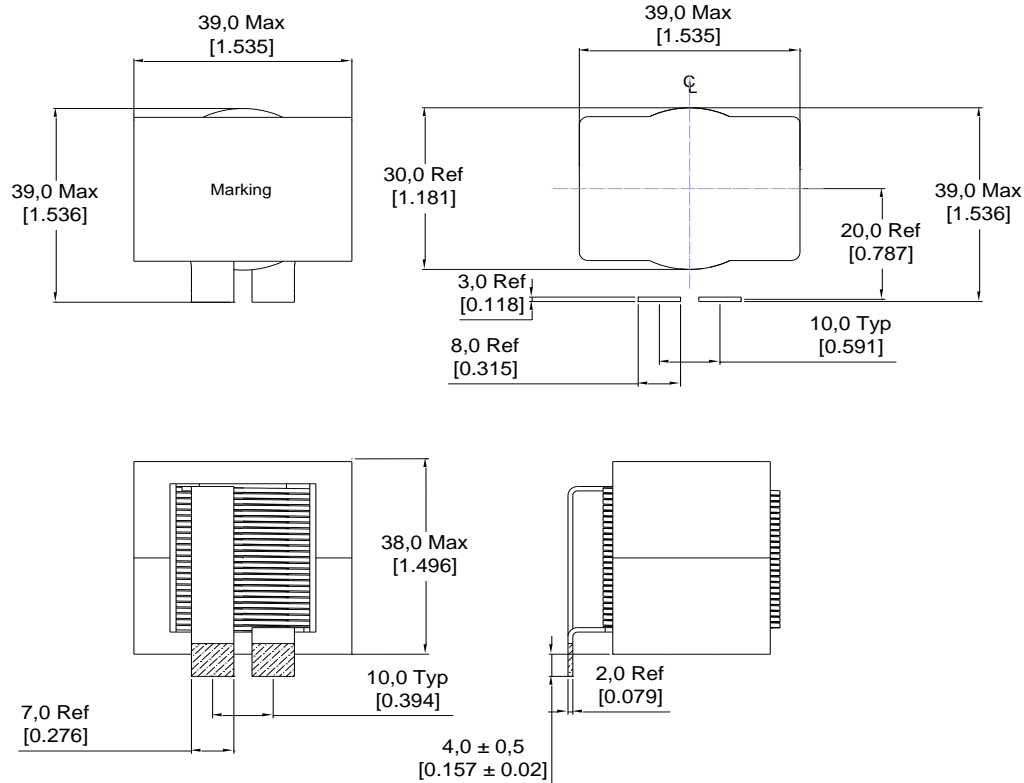
Rev	Description	By	Date
1	Preliminary	SO	20-May-24

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

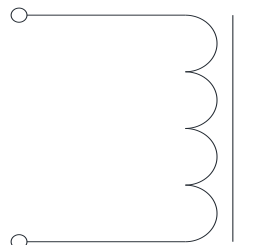
DIMENSIONS

Recommended PCB Layout



Dimensions: mm/[inch]

SCHEMATIC



MARKING

MPS
 HWI3938-055A-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	DRAWN BY:	SO	20-May-24	SIZE
Unless otherwise specified	CHECKED BY:	SO	20-May-24	A
.XX ± 0.254mm [.010"]				
.XXX ± 0,13mm [.005"]				



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Helical Wound Inductor

Part Number

HWI3938-055A-140H

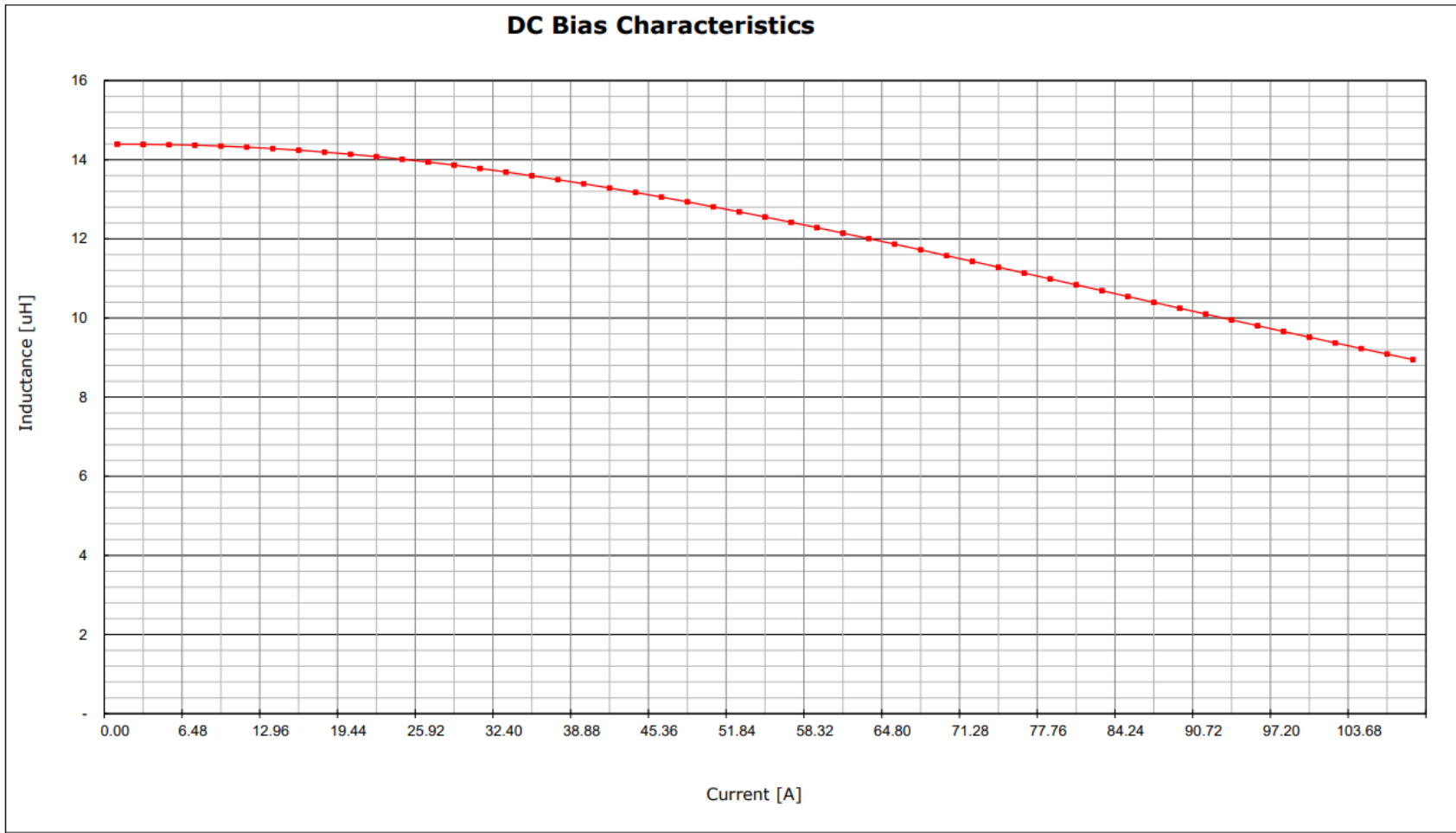
REV

1

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	20-May-24



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



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description		Helical Wound Inductor	
Part Number	HWI3938-055A-140H		REV
	1		
SCALE: X:X	WEIGHT: XX gms	SHEET: 2 OF 2	

Dimensions Unless otherwise specified .XX ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]	DRAWN BY:	SO	20-May-24	SIZE
	CHECKED BY:	SO	20-May-24	A