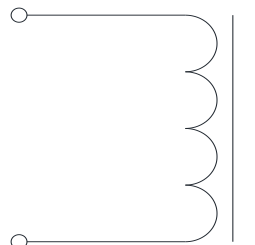


Rev	Description	By	Date
1	Preliminary	SO	28-May-24

ELECTRICAL SPECIFICATIONS @ 25°C

L: 105μH±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 15% @ 20A
 DCR: 7mΩ Max
 Hipot: 500Vdc, 1mA Max, 5s, wdg to core
 Insulation Class: Class H, 180°C Min
 RoHS Compliant: Yes

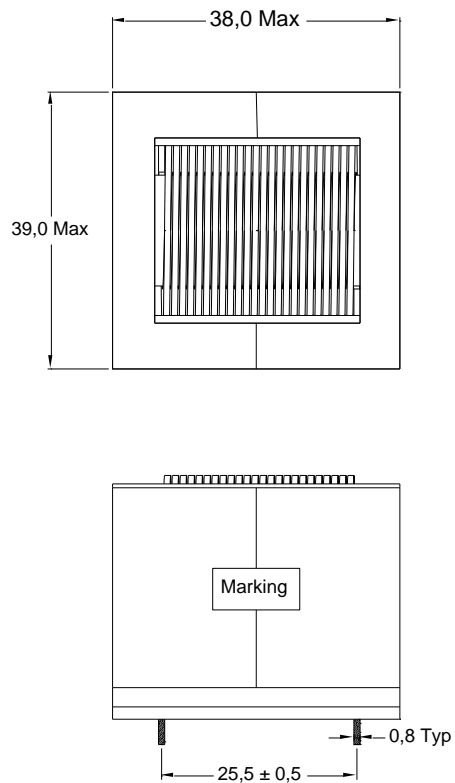
SCHEMATIC



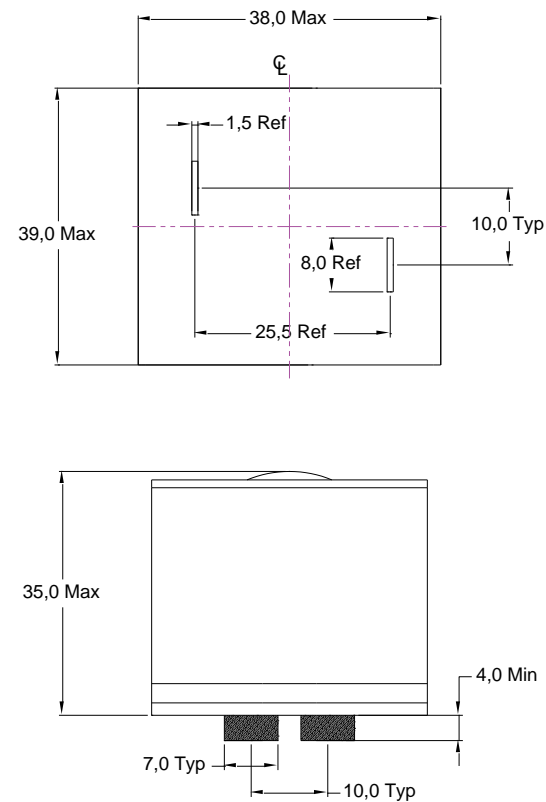
MARKING

MPS
 HWI3938-017A-101V_REV#
 Date Code

DIMENSIONS



Recommended PCB Layout



Dimensions: mm

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	28-May-24 28-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

HWI3938-017A-101V

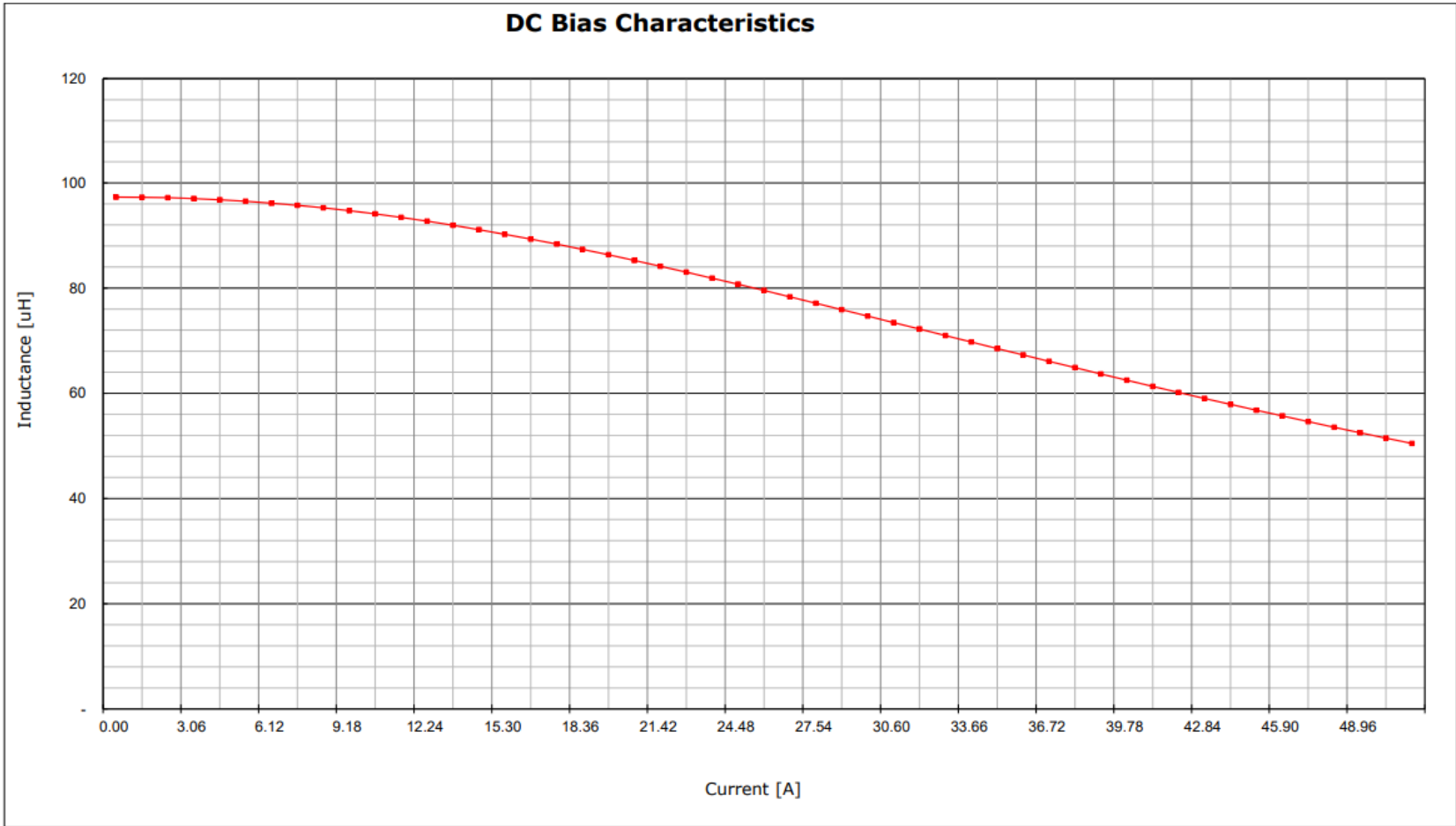
REV

1

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
1	Preliminary	SO	28-May-24



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

DRAWN BY:
 CHECKED BY:

SO
 SO
 28-May-24
 28-May-24

SIZE
A
 SCALE: X:X

		MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description		Helical Wound Inductor	
Part Number	HWI3938-017A-101V		REV
	1		
WEIGHT: XX gms		SHEET: 2 OF 2	