

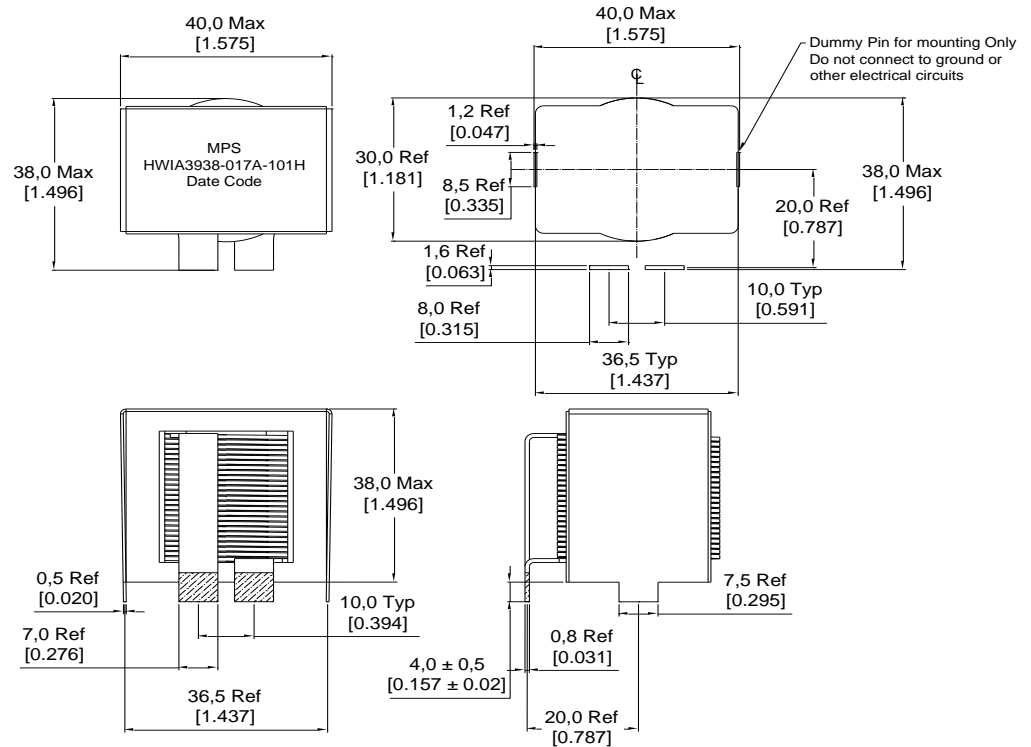
Rev	Description	By	Date
1	Preliminary	SO	14-Jul-23

### ELECTRICAL SPECIFICATIONS @ 25°C

L: 100μH±15% @ 10kHz, 1Vrms  
 Isat: ΔL ≤ 15% @ 20A  
 DCR: 6.5mΩ Max  
 Hipot: 500Vdc, 1mA Max, 5s, wdg to core  
 Insulation Class: Class H, 180°C Min  
 RoHS Compliant: Yes

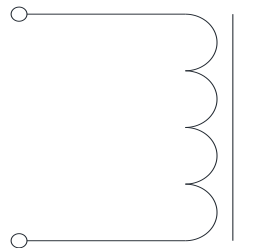
### DIMENSIONS

#### Recommended PCB Layout



Dimensions: mm/[inch]

### SCHEMATIC



### MARKING

MPS  
 HWIA3938-017A-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

<b>Dimensions</b> Unless otherwise specified .XX ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]		DRAWN BY: CHECKED BY:	SO SO	14-Jul-23 14-Jul-23	SIZE <b>A</b>	Description <b>Helical Wound Inductor</b>	Part Number <b>HWIA3938-017A-101H</b>	REV <b>1</b>
						WEIGHT: XX gms	SHEET: 1 OF 2	

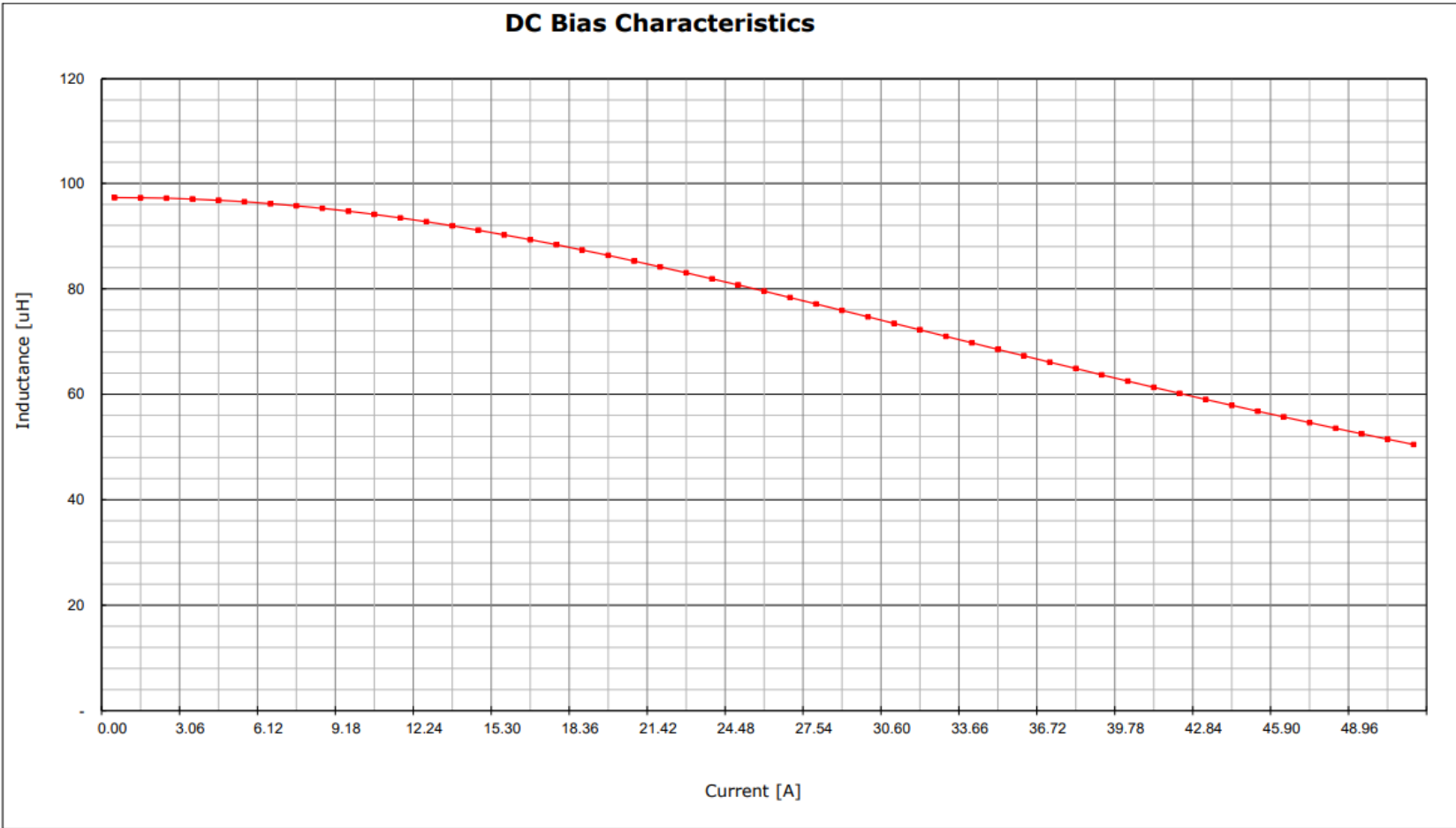


MPS INDUSTRIES, INC.

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Description		<b>Helical Wound Inductor</b>	
Part Number	<b>HWIA3938-017A-101H</b>		REV
	<b>1</b>		
SCALE: X:X	WEIGHT: XX gms	SHEET: 2 OF 2	

<b>Dimensions</b> Unless otherwise specified .XX ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]	DRAWN BY:	SO	14-Jul-23	SIZE
	CHECKED BY:	SO	14-Jul-23	<b>A</b>