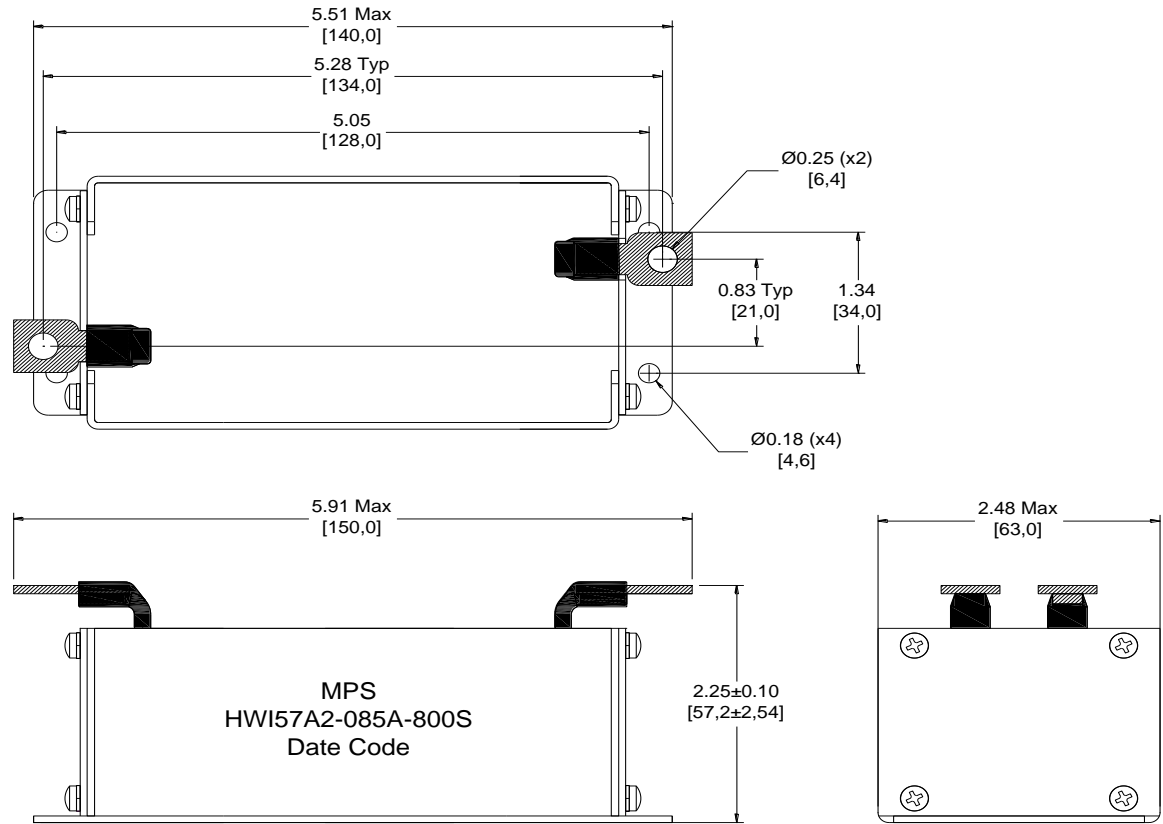


Rev	Description	By	Date
A	Released for production	AG	6-Jul-16

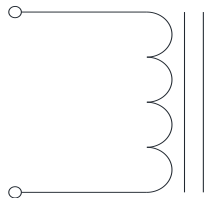
**ELECTRICAL SPECIFICATIONS @ 25°C**

L: 80μH±15% @ 10kHz, 1Vrms  
 Isat: ΔL ≤ 10% @44A  
 ΔL ≤ 30% @86A  
 Irms: ΔT ≤ 20°C @56A  
 ΔT ≤ 40°C @85A  
 DCR: 4.5 mΩ Max  
 Hipot: 2kVdc, 1mA, 10s, wdg to case  
 Insulation Class: Class H 180°C  
 SRF: TBD MHz Typ  
 RoHS Compliant: Yes

**DIMENSIONS**



**SCHEMATIC**




**MARKING**

MPS  
 HWI57A2-085A-800S  
 Date Code

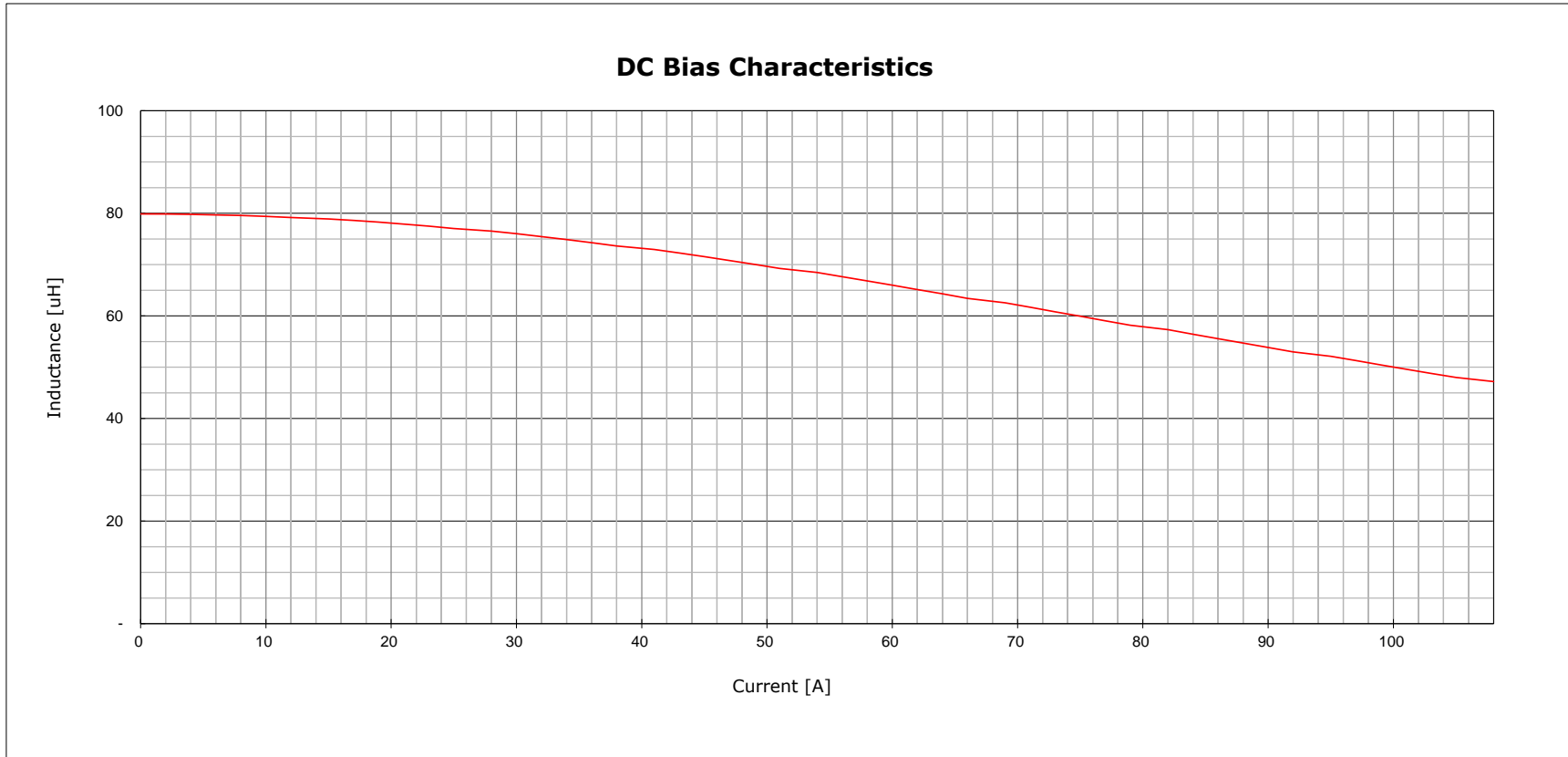
Dimensions: inch/[mm]

<b>Notice of Proprietary Property</b> These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture or sale of apparatus without express written authorization			
<b>Dimensions</b> Unless otherwise specified .XX ± .010"[0,254mm] .XXX ± .005"[0,13mm]	DRAWN BY: CHECKED BY:	AG AY	6-Jul-16 8-Jul-16

 <b>MPS INDUSTRIES, INC.</b> <a href="http://www.mpsind.com">www.mpsind.com</a> Tel: (310) 325-1043 Fax: (310) 325-1044		Description	
		<b>Helical Wound Inductor</b>	
Part Number	<b>HWI57A2-085A-800S</b>		REV
WEIGHT: XXX gms		SHEET: 1 OF 2	

Rev	Description	By	Date
A	Released for production	AG	6-Jul-16

**DC BIAS DATA:**



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**Dimensions**

Unless otherwise specified  
 .XX ± .010" [0,254mm]  
 .XXX ± .005" [0,13mm]

DRAWN BY:  
 CHECKED BY:

AG  
 AY

6-Jul-16  
 8-Jul-16

SIZE  
**A**

Part Number

**HWI57A2-085A-800S**

SCALE: X:X

WEIGHT: XXX gms

SHEET: 2 OF 2

REV  
**A**



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Description

**Helical Wound Inductor**