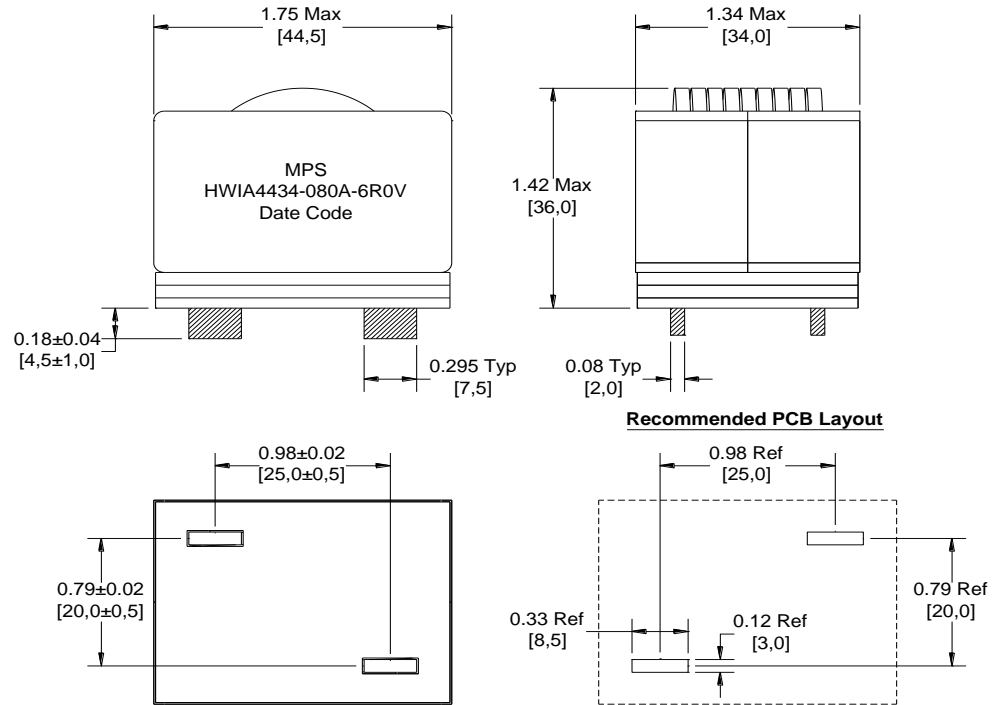


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

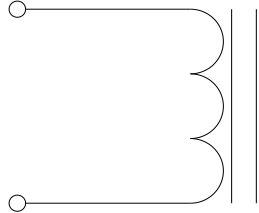
**ELECTRICAL SPECIFICATIONS @ 25°C**

L:  $6\mu\text{H}\pm 15\%$  @ 10kHz, 1Vrms  
 Isat:  $\Delta L \leq 10\%$  @ 112A  
 $\Delta L \leq 30\%$  @ 225A  
 Irms:  $\Delta T \leq 20^\circ\text{C}$  @ 52A  
 $\Delta T \leq 40^\circ\text{C}$  @ 80A  
 DCR: 1.1m $\Omega$  Max  
 Hipot: 500Vdc, 1mA, 5s, wdg to core  
 RoHS Compliant: Yes

**DIMENSIONS**



**SCHEMATIC**




**MARKING**

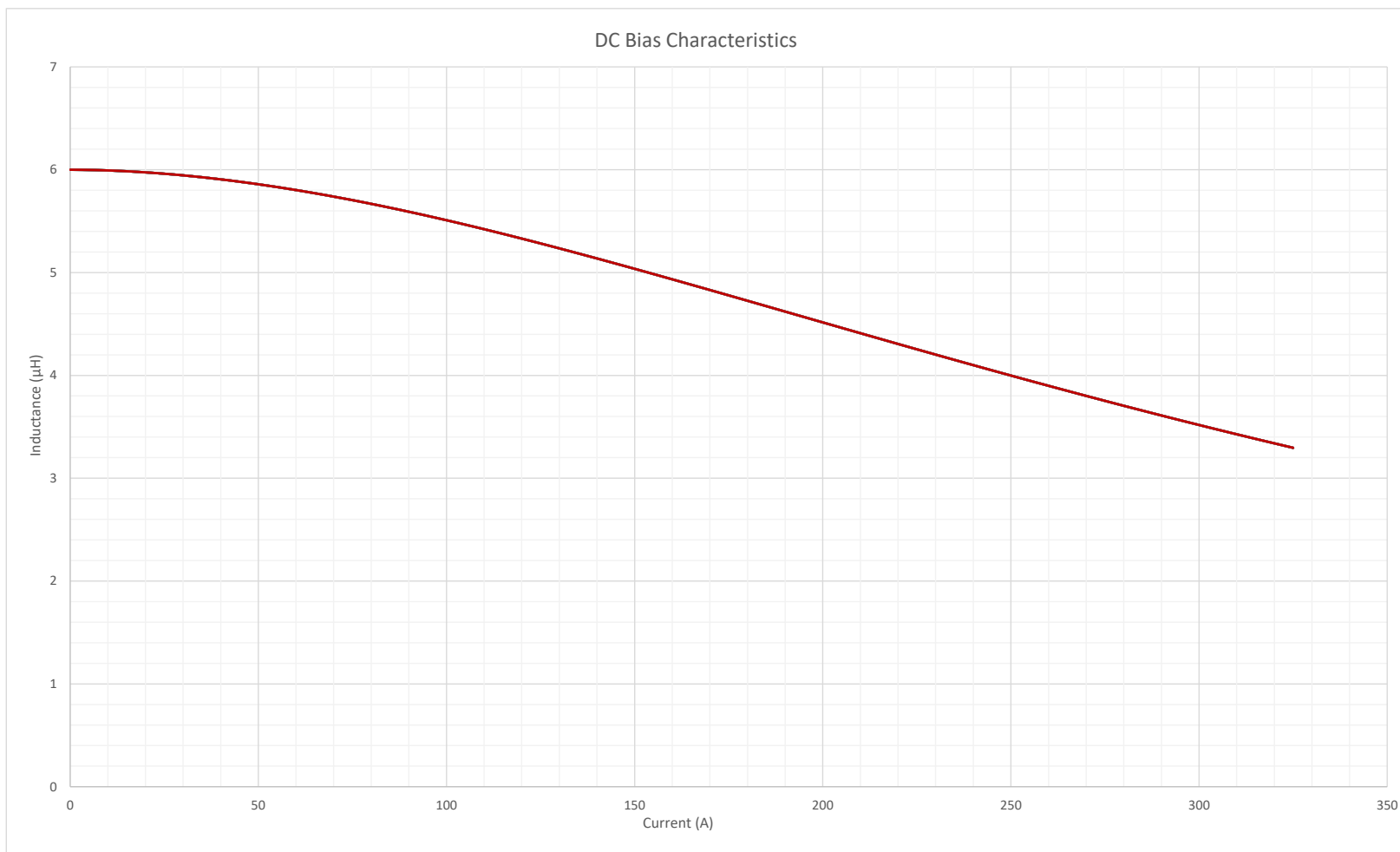
MPS  
 HWIA4434-080A-6R0V\_REV#  
 Date Code

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 of 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	13-Jul-20 13-Jul-20

 <b>MPS INDUSTRIES, INC.</b> www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044		Description	
		<b>HEW Inductor</b>	
Part Number	Part Number		REV
<b>HWIA4434-080A-6R0V</b>	<b>HWIA4434-080A-6R0V</b>		<b>A</b>
WEIGHT: XX gms	SHEET: 1 OF 2		

Rev	Description	By	Date
A	Released for production	AG	13-Jul-20



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 www.mpsind.com  
 Tel: (310) 325-1043 Fax: (310) 325-1044

Description		<b>HEW Inductor</b>	
Part Number	<b>HWIA4434-080A-6R0V</b>		REV
<b>A</b>			<b>A</b>
WEIGHT: XX gms		SHEET: 2 OF 2	

<b>Dimensions</b> Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY: CHECKED BY:	AG AY	13-Jul-20 13-Jul-20
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