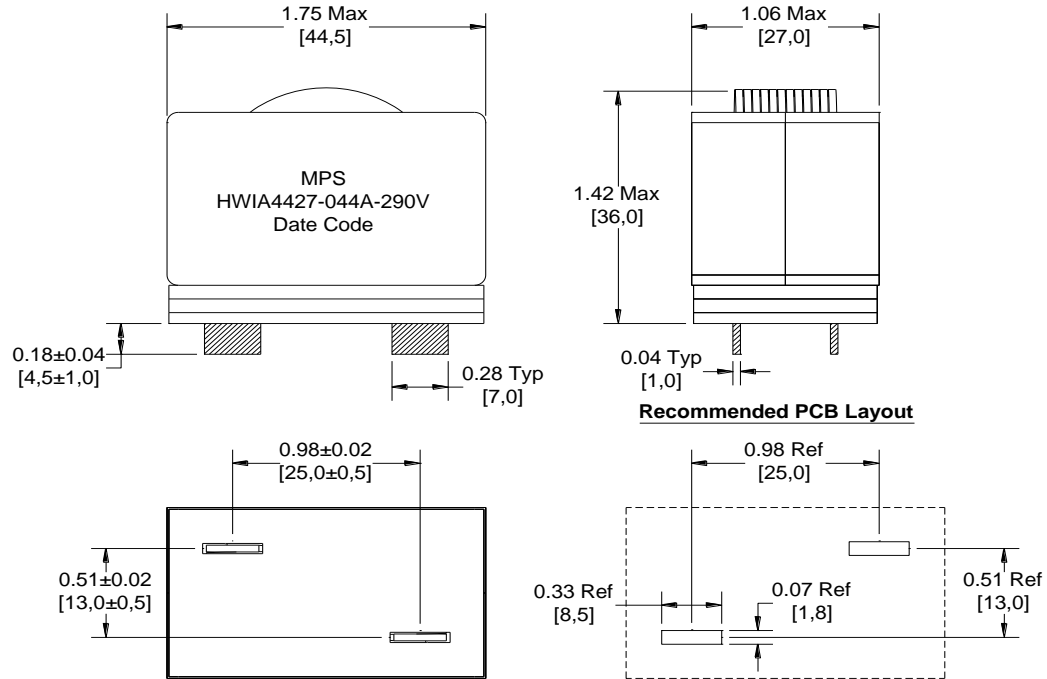


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

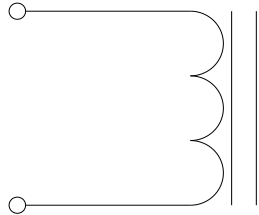
**ELECTRICAL SPECIFICATIONS @ 25°C**

L: 29μH±15% @ 10kHz, 1Vrms  
 Isat: ΔL≤10% @ 31A  
 ΔL≤30% @ 61A  
 Irms: ΔT≤20°C @ 29A  
 ΔT≤40°C @ 44A  
 DCR: 3.0mΩ Max  
 Hipot: 500Vdc, 1mA, 5s, wdg to core  
 RoHS Compliant: Yes

**DIMENSIONS**



**SCHEMATIC**




**MARKING**

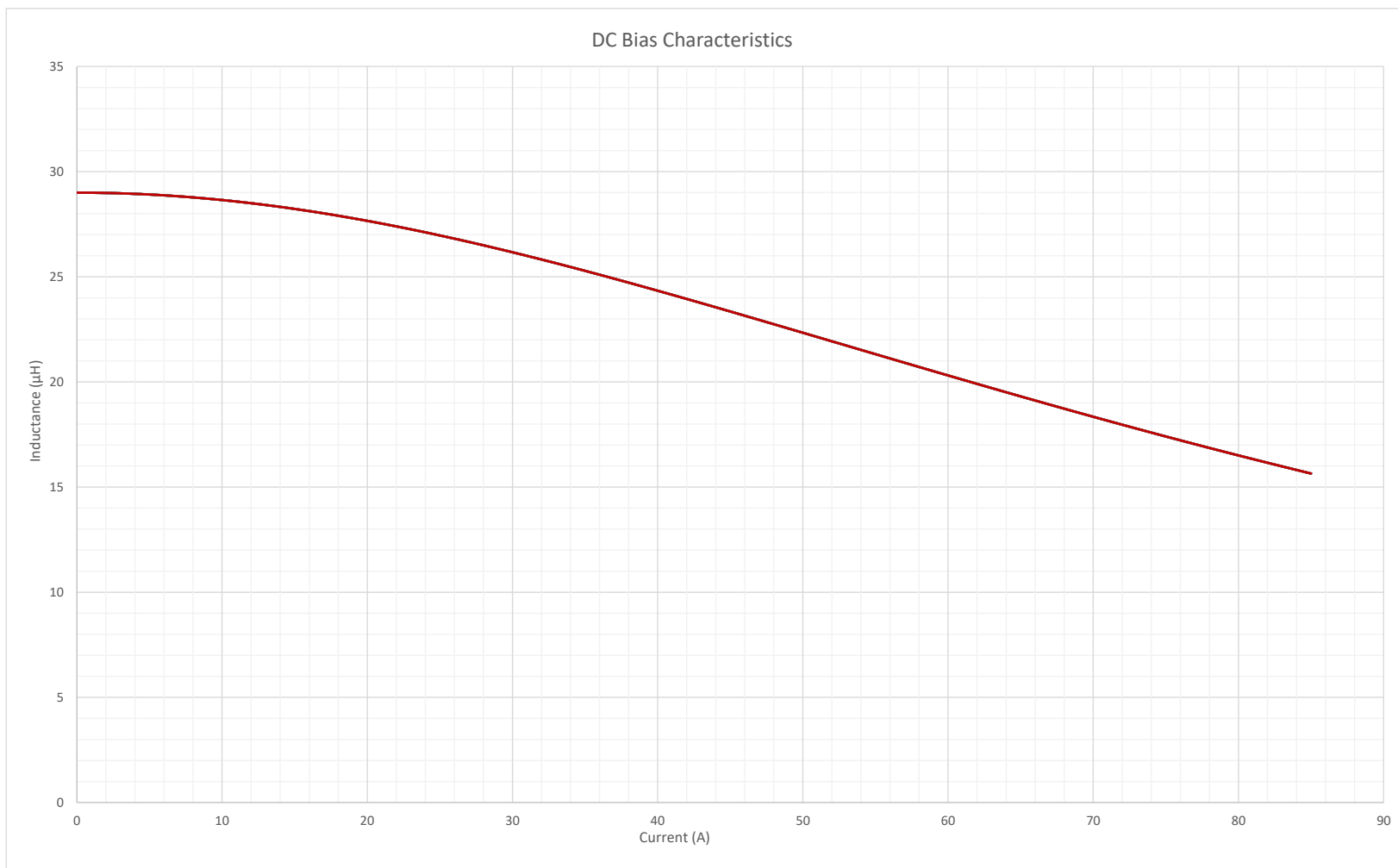
MPS  
 HWIA4427-044A-290V\_REV#  
 Date Code

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		REV	
<b>HWIA4427-044A-290V</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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<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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MPS INDUSTRIES, INC.  
www.mpsind.com

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

Description	<b>HEW Inductor</b>	
Part Number	<b>HWIA4427-044A-290V</b>	
WEIGHT: XX gms	SHEET: 2 OF 2	REV <b>A</b>