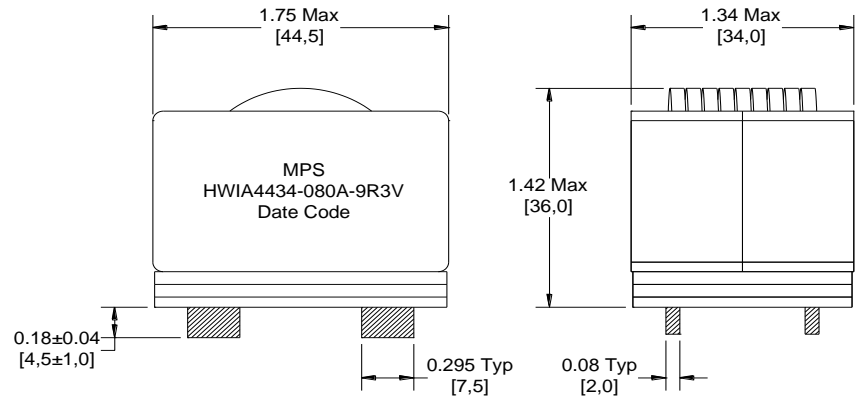


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

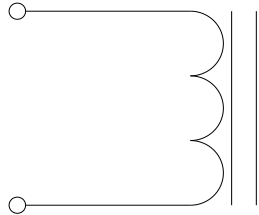
ELECTRICAL SPECIFICATIONS @ 25°C

L: 9.3μH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 91A
 ΔL≤30% @ 162A
 Irms: ΔT≤20°C @ 52A
 ΔT≤40°C @ 80A
 DCR: 1.1mΩ Max
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

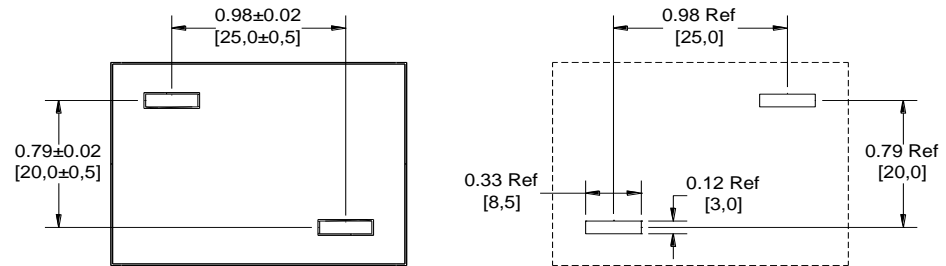
DIMENSIONS



SCHEMATIC



Recommended PCB Layout




MARKING

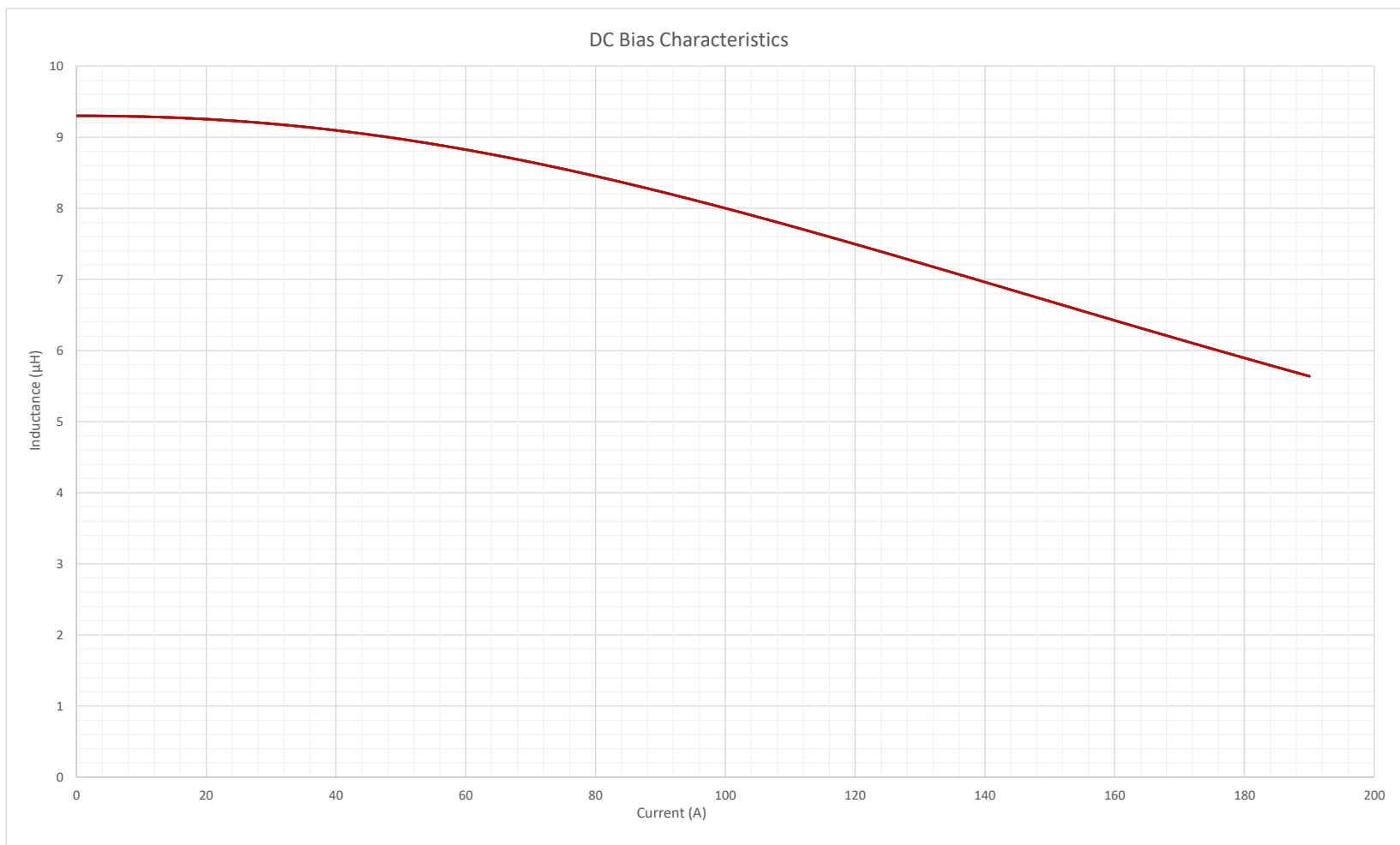
MPS
 HWIA4434-080A-9R3V_REV#
 Date Code

Dimensions: inch/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 ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY: CHECKED BY:	AG AY	13-Jul-20 13-Jul-20

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044		Description	
		HEW Inductor	
Part Number		REV	
HWIA4434-080A-9R3V		A	
WEIGHT: XX gms		SHEET: 1 OF 2	

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



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Dimensions 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	HEW Inductor		
Part Number	HWIA4434-080A-9R3V		
WEIGHT: XX gms	SHEET: 2	OF 2	REV A