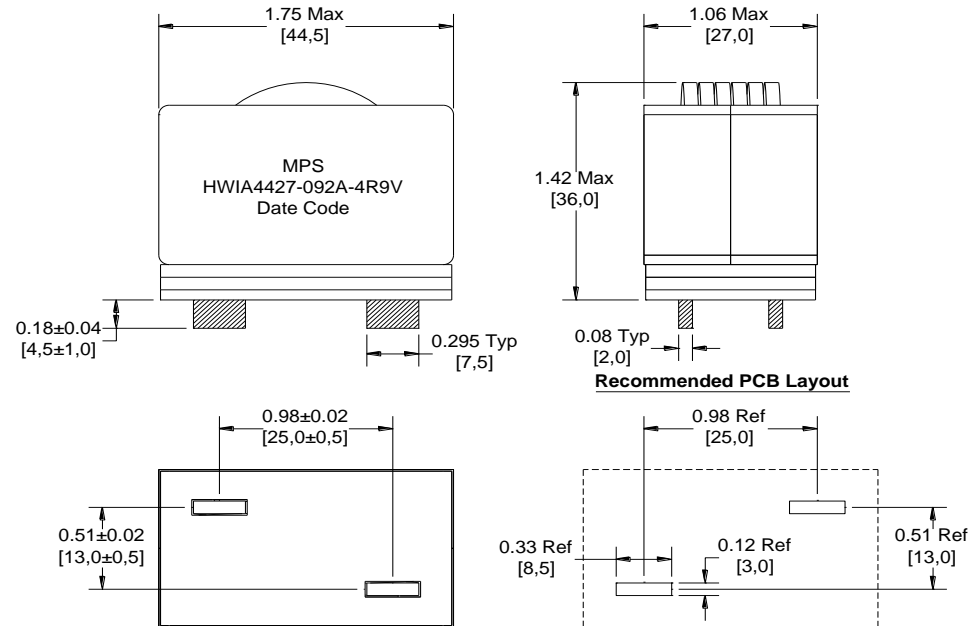


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

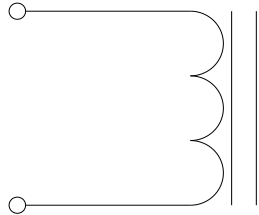
ELECTRICAL SPECIFICATIONS @ 25°C

L: 4.9µH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 116A
 ΔL≤30% @ 205A
 Irms: ΔT≤20°C @ 61A
 ΔT≤40°C @ 92A
 DCR: 0.7mΩ Max
 SRF: 17MHz Typ
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

DIMENSIONS



SCHEMATIC




MARKING

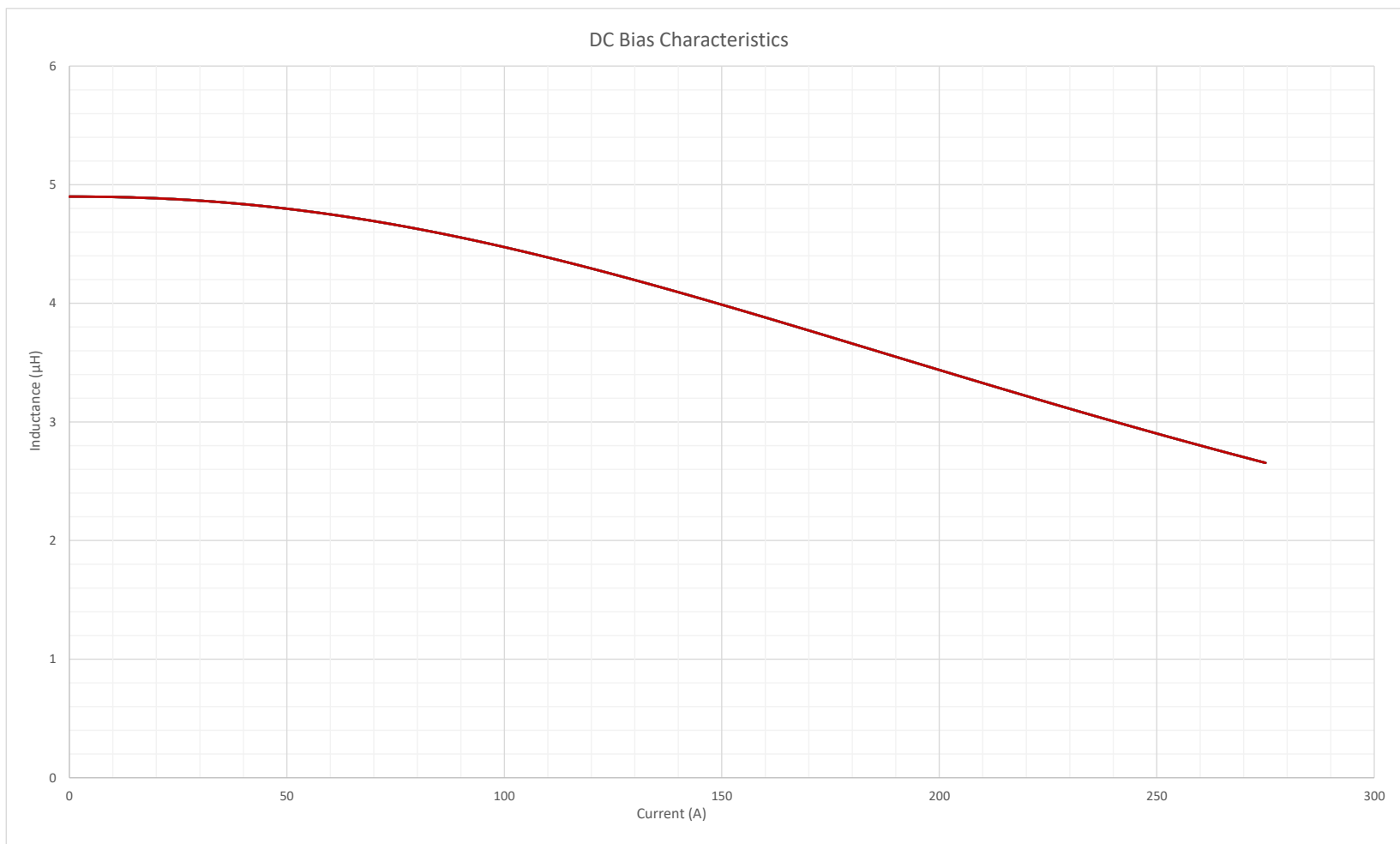
MPS
 HWIA4427-092A-4R9V_REV#
 Date Code

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	
HWIA4427-092A-4R9V		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	HWIA4427-092A-4R9V		REV
WEIGHT: XX gms		SHEET: 2 OF 2	
			A