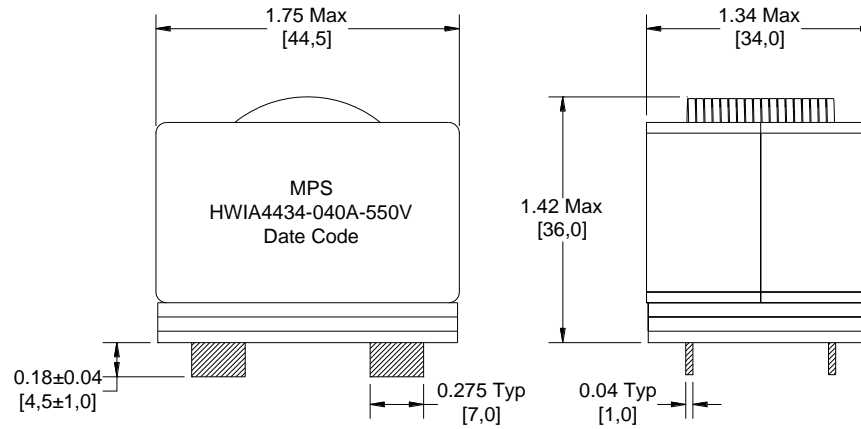


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

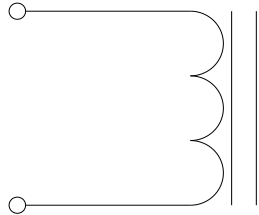
ELECTRICAL SPECIFICATIONS @ 25°C

L: 55μH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 25A
 ΔL≤30% @ 48A
 Irms: ΔT≤20°C @ 26A
 ΔT≤40°C @ 40A
 DCR: 4.5mΩ Max
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

DIMENSIONS



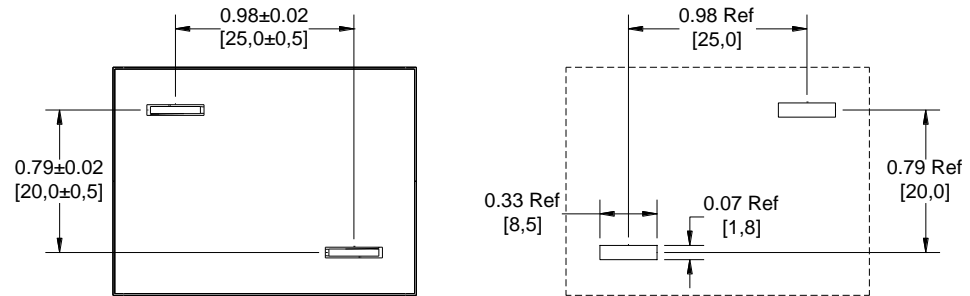
SCHEMATIC



MARKING


MPS
 HWIA4434-040A-550V_REV#
 Date Code

Recommended PCB Layout

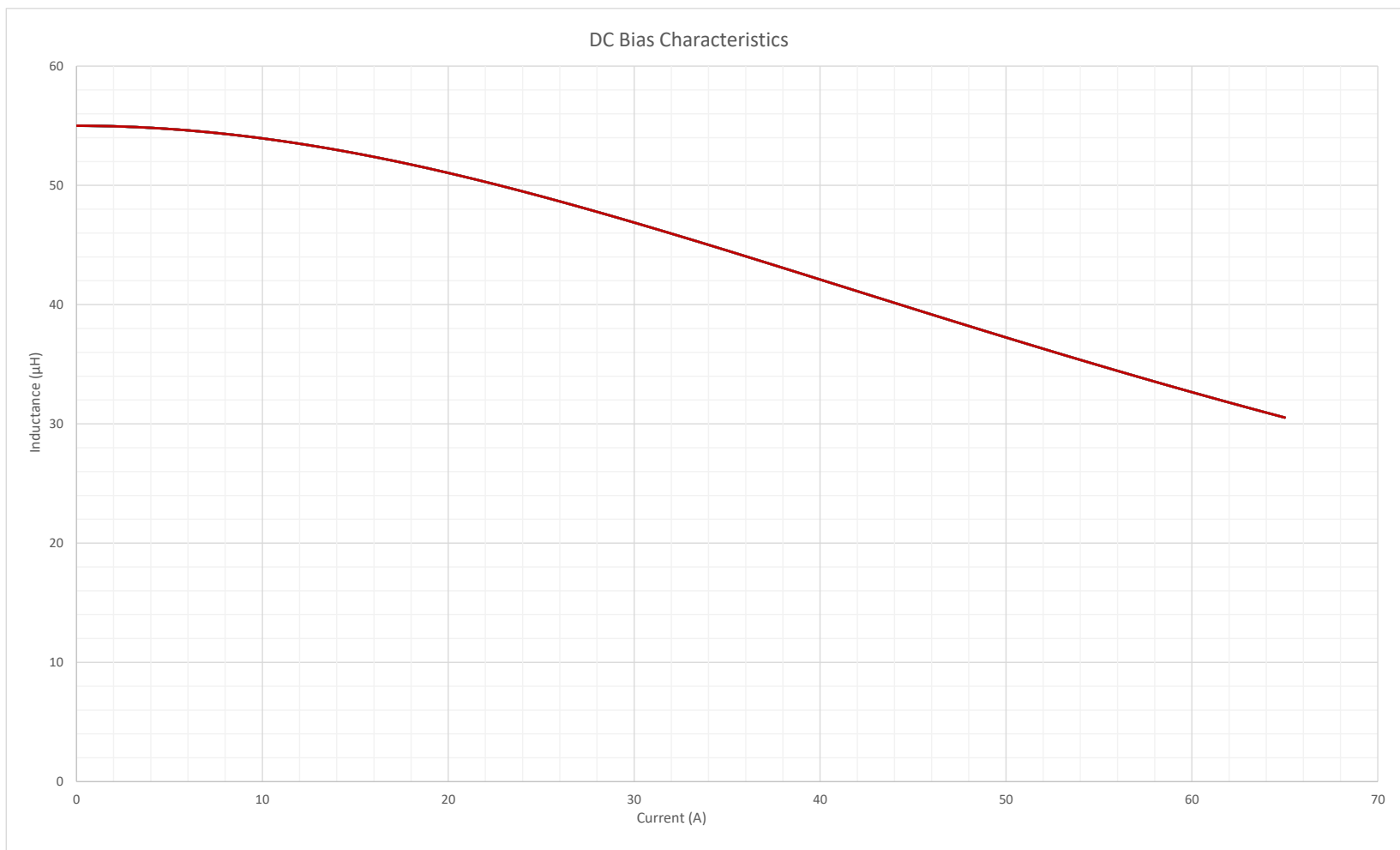


Dimensions: inch/mm

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	
HWIA4434-040A-550V		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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www.mpsind.com
Tel: (310) 325-1043 Fax: (310) 325-1044

Description HEW Inductor	
Part Number HWIA4434-040A-550V	REV A
WEIGHT: XX gms SHEET: 2 OF 2	