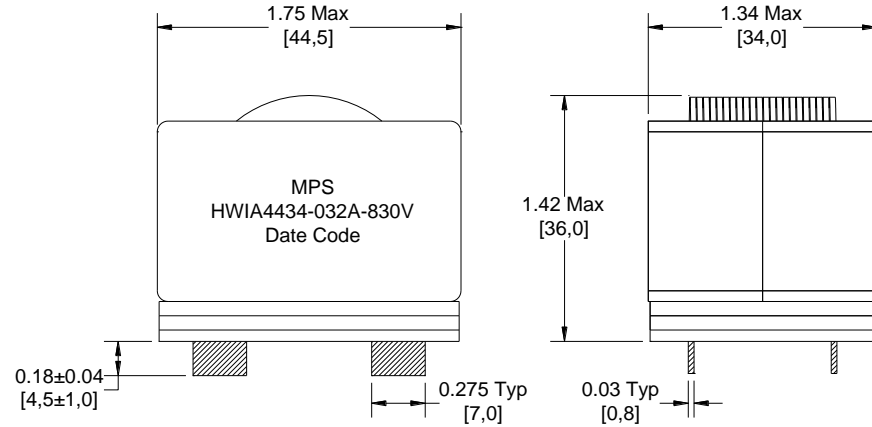


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

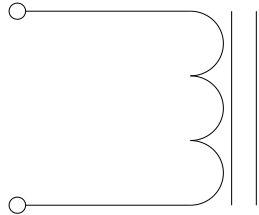
ELECTRICAL SPECIFICATIONS @ 25°C

L: 83μH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 21A
 ΔL≤30% @ 39A
 Irms: ΔT≤20°C @ 21A
 ΔT≤40°C @ 32A
 DCR: 6.8mΩ Max
 SRF: 6MHz Typ
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

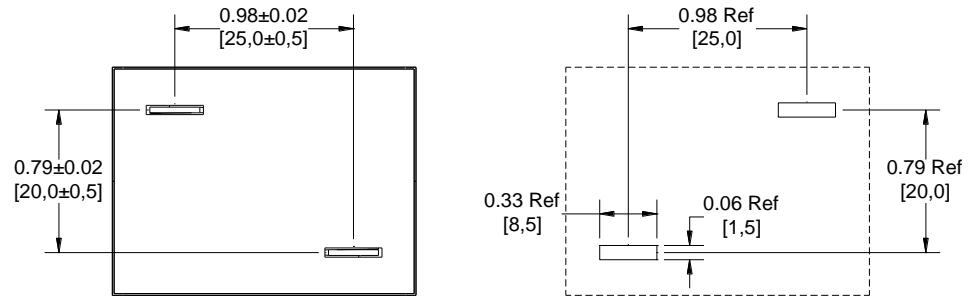
DIMENSIONS



SCHEMATIC



Recommended PCB Layout




MARKING

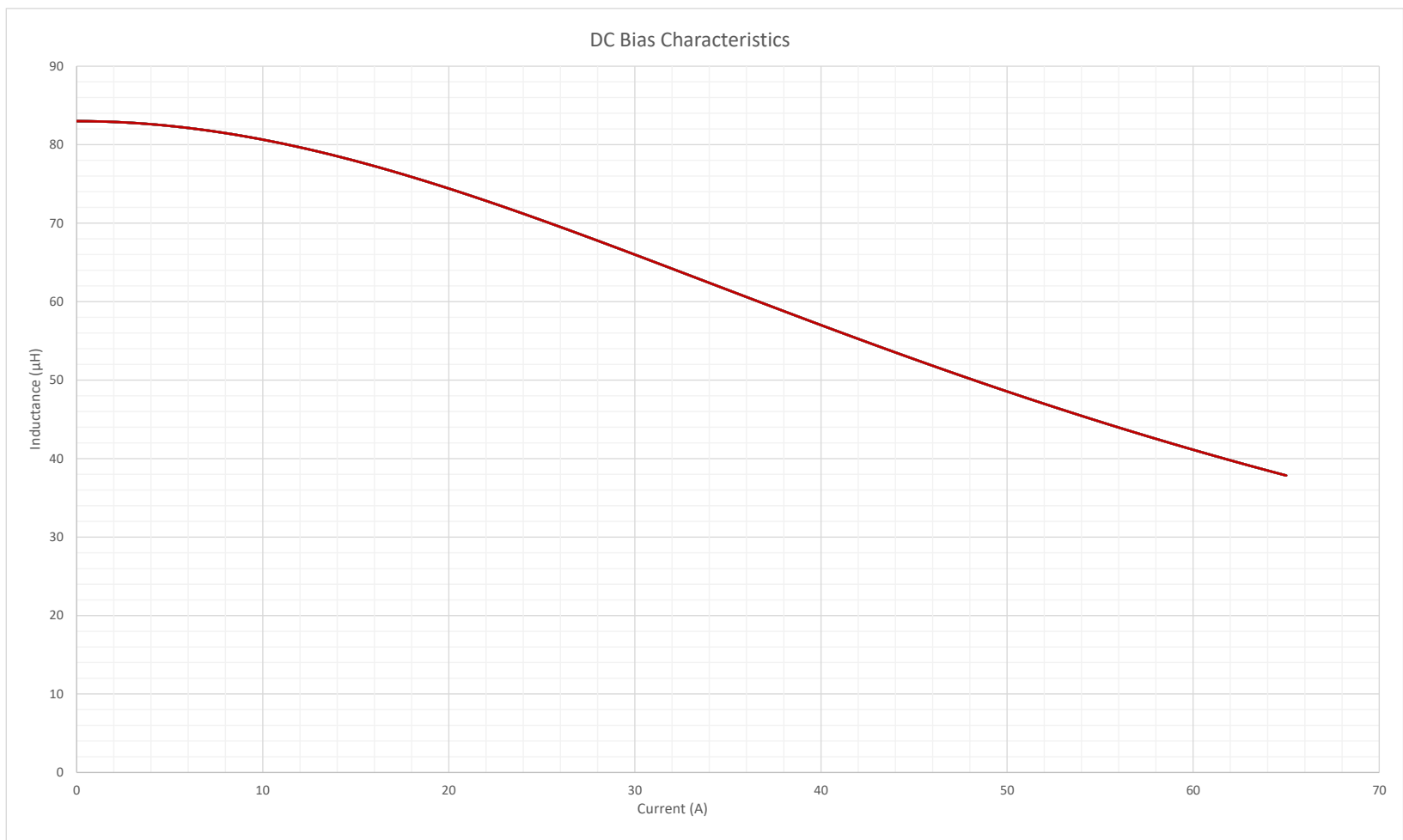
MPS
 HWIA4434-032A-830V_REV#
 Date Code

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	SIZE A

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description HEW Inductor	
Part Number HWIA4434-032A-830V	REV 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	HWIA4434-032A-830V	
WEIGHT: XX gms	SHEET: 2 OF 2	REV A