

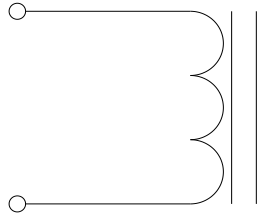
Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

ELECTRICAL SPECIFICATIONS @ 25°C

L: 19μH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 58A
 ΔL≤30% @ 102A
 Irms: ΔT≤20°C @ 29A
 ΔT≤40°C @ 44A
 DCR: 3.0mΩ Max
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

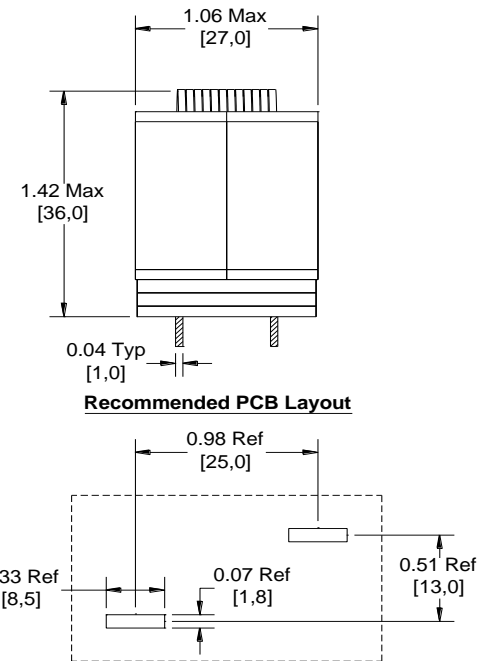
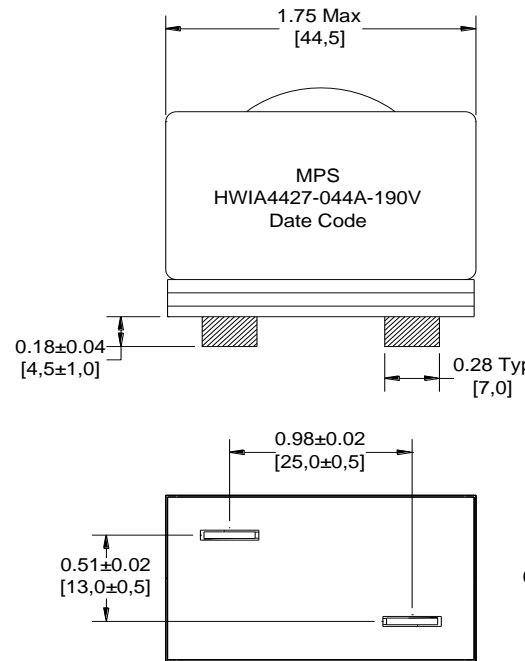
DIMENSIONS

SCHEMATIC




MARKING

MPS
 HWIA4427-044A-190V_REV#
 Date Code

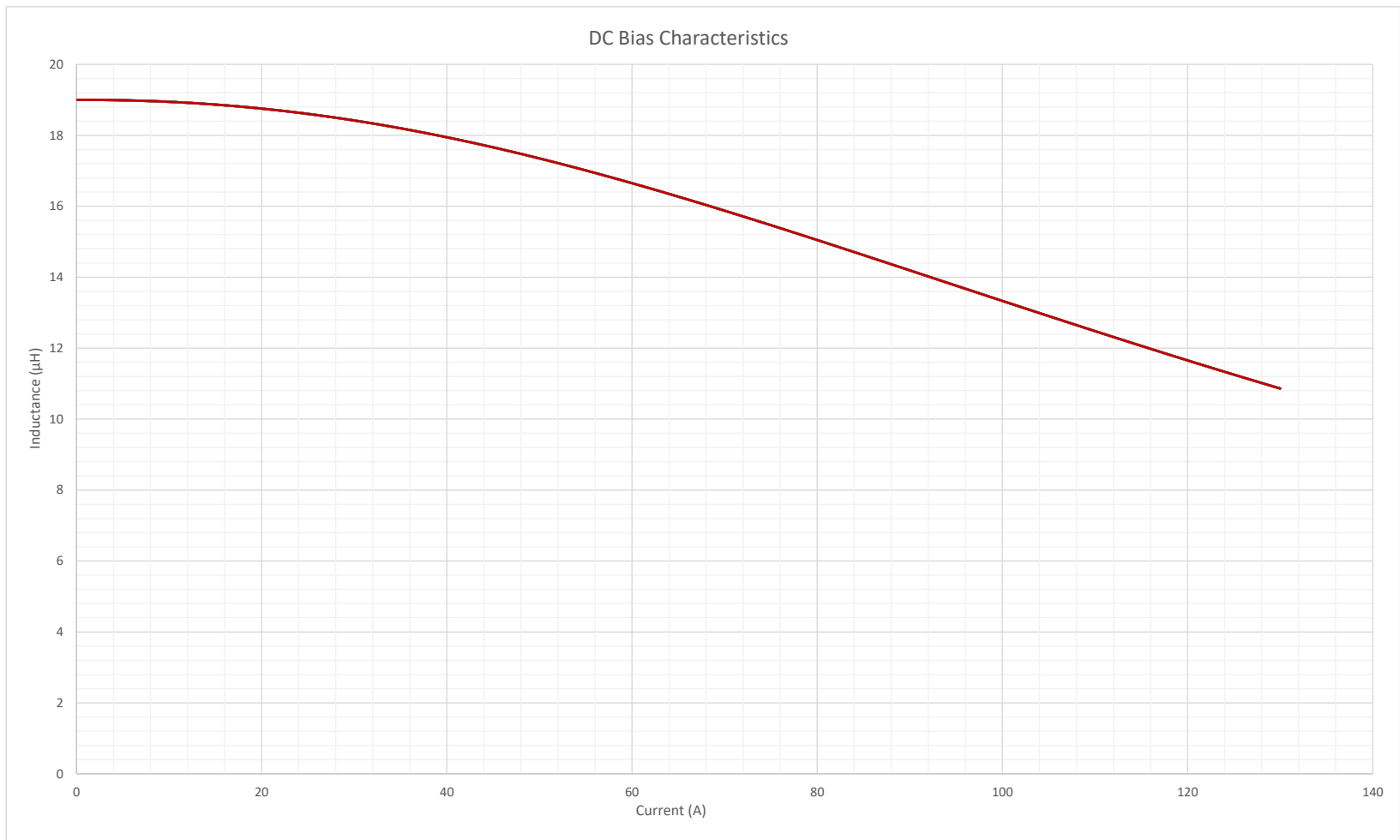


Dimensions: inch/mm

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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

		MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description			
HEW Inductor			
Part Number		REV	
HWIA4427-044A-190V		A	
WEIGHT: XX gms		SHEET: 1 OF 2	

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Description HEW Inductor	
Part Number HWIA4427-044A-190V	REV A
WEIGHT: XX gms SHEET: 2 OF 2	