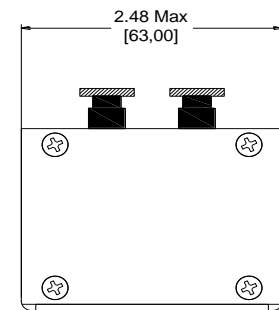
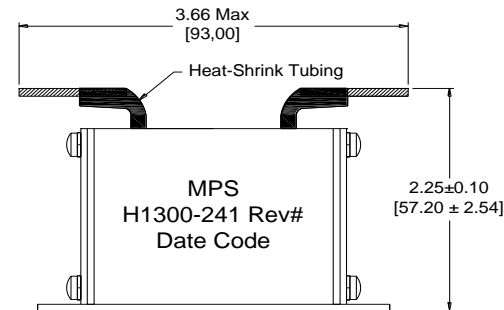
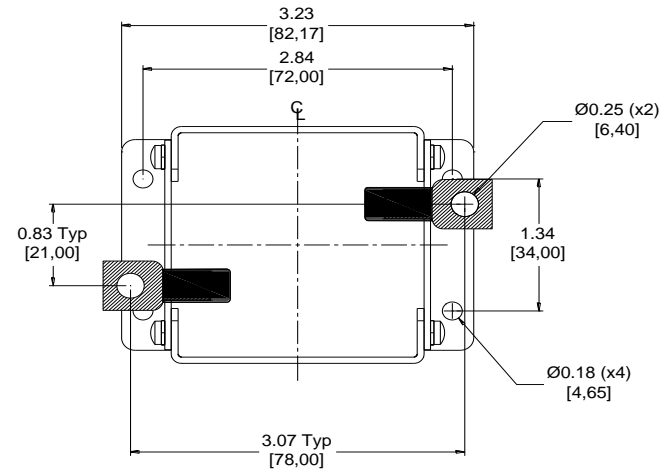


Rev	Description	By	Date
B	Updated enclosure	MIG	11-Apr-16
C	Updated inductance to +/-15%	AG	30-Dec-19

### ELECTRICAL SPECIFICATIONS @ 25°C

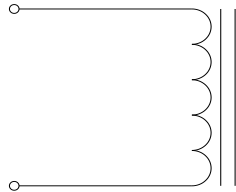
L: 244μH±15% @ 100kHz, 1Vrms  
 Isat: ΔL≤10% @ 17.5A  
           ΔL≤20% @ 26.5A  
           ΔL≤30% @ 34.5A  
 Irms: ΔT≤20°C @ 23.5A  
           ΔT≤40°C @ 35.5A  
 DCR: 12mΩ Max  
 Hipot: 2kVdc, 1mA Max, 10s (wdg to case)  
 Insulation Class: Class H, 180°C Min  
 RoHS Compliant: Yes

### DIMENSIONS



Dimensions: inch/[mm]

### SCHEMATIC



### MARKING

MPS  
 H1300-241 Rev#  
 Date Code



MPS INDUSTRIES, INC.

[www.mpsind.com](http://www.mpsind.com)

Tel: (310) 325-1043 Fax: (310) 325-1044

#### Notice of Proprietary Property

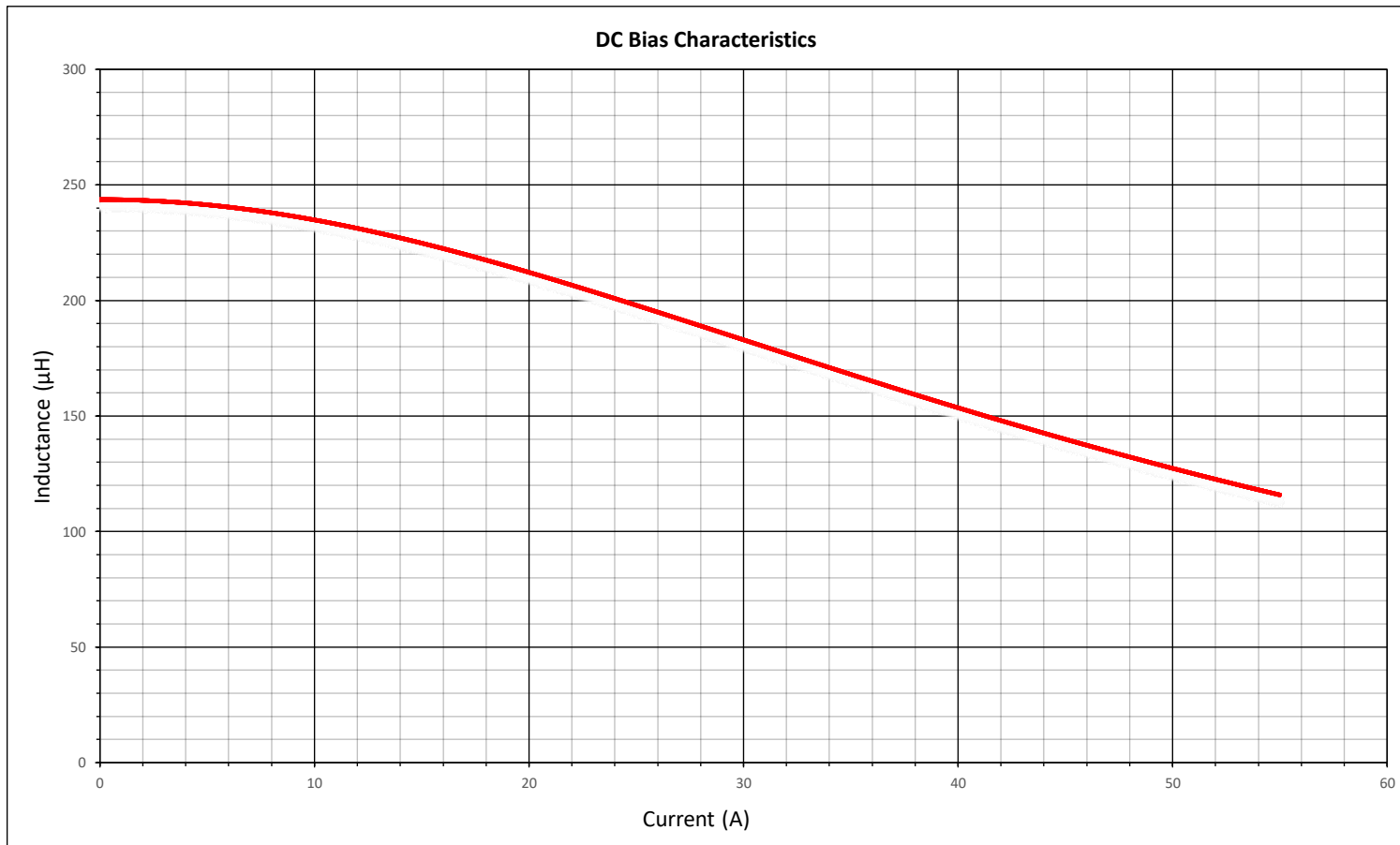
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Description

**High Power Inductor**


Dimensions	DRAWN BY:	MIG	17-Nov-15	SIZE	Part Number	REV
Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	CHECKED BY:	AG	18-Nov-15	<b>A</b>	<b>H1300-241</b>	<b>C</b>
WEIGHT: XX gms					SHEET: 1 OF 2	

Rev	Description	By	Date
B	Updated enclosure	MIG	11-Apr-16
C	Updated inductance to +/-15%	AG	30-Dec-19



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<b>Dimensions</b> Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY:	MIG	17-Nov-15
	CHECKED BY:	AG	18-Nov-15

 <b>MPS INDUSTRIES</b>	<b>MPS INDUSTRIES, INC.</b> www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044
	Description

**High Power Inductor**

Part Number	<b>H1300-241</b>	REV	<b>C</b>
SCALE: X:X	WEIGHT: XX gms	SHEET: 2 OF 2	