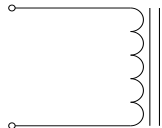


Rev	Description	By	Date
A	Released for production	AG	30-Dec-19
B	Updated terminal hole size	AG	17-Feb-22

ELECTRICAL SPECIFICATIONS @ 25°C

L: 94μH±15% @ 100kHz, 1Vrms
 Isat: ΔL≤10% @ 28A
 ΔL≤20% @ 43A
 ΔL≤30% @ 56A
 Irms: ΔT≤20°C @ 35A
 ΔT≤40°C @ 54A
 DCR: 5.2mΩ Max
 SRF: 6.5MHz Typ
 Hipot: 2kVdc, 1mA Max, 10s (wdg to case)
 RoHS Compliant: Yes

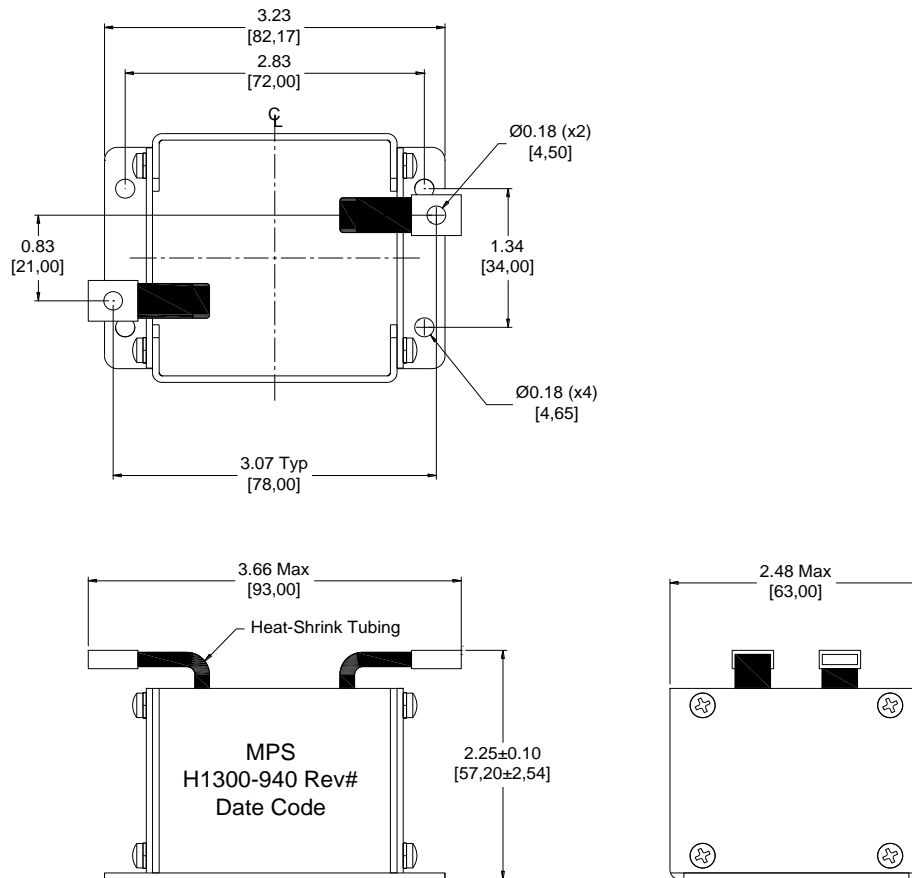
SCHEMATIC




MARKING

MPS
 H1300-940 Rev#
 Date Code

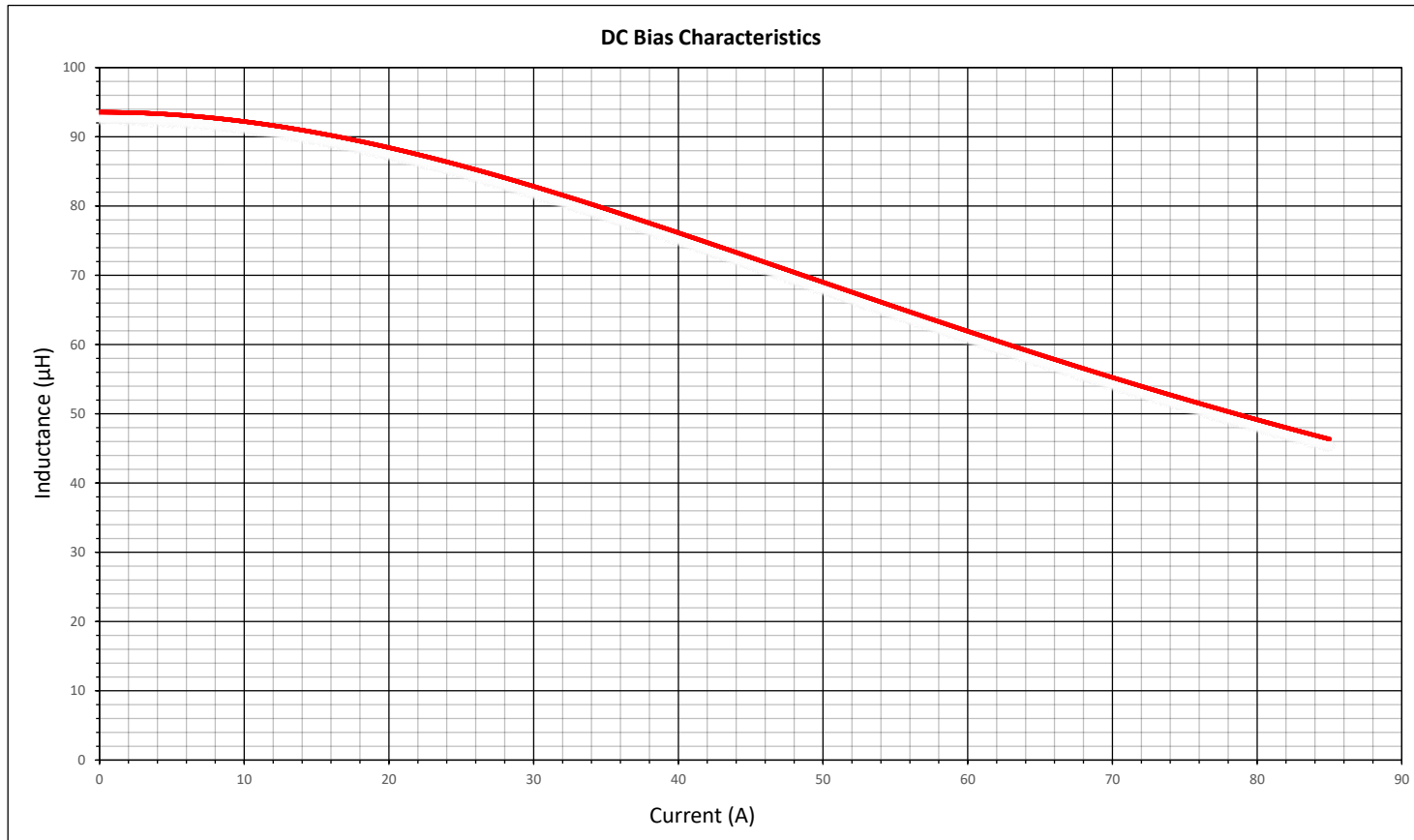
DIMENSIONS



Dimensions: inch/[mm]

<p>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</p>				 <p>MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044</p>			
						Description	
<p>Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]</p>		<p>DRAWN BY: CHECKED BY:</p>	<p>AG AG</p>	<p>30-Dec-19 30-Dec-19</p>	<p>SIZE A</p>	<p>Part Number H1300-940</p>	<p>REV B</p>
<p>WEIGHT: XX gms SHEET: 1 OF 2</p>							

Rev	Description	By	Date
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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY:	AG	30-Dec-19	SIZE
	CHECKED BY:	AG	30-Dec-19	A



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

High Power Inductor

Part Number

H1300-940

REV

B

SCALE: X:X

WEIGHT: XX gms

SHEET: 2 OF 2