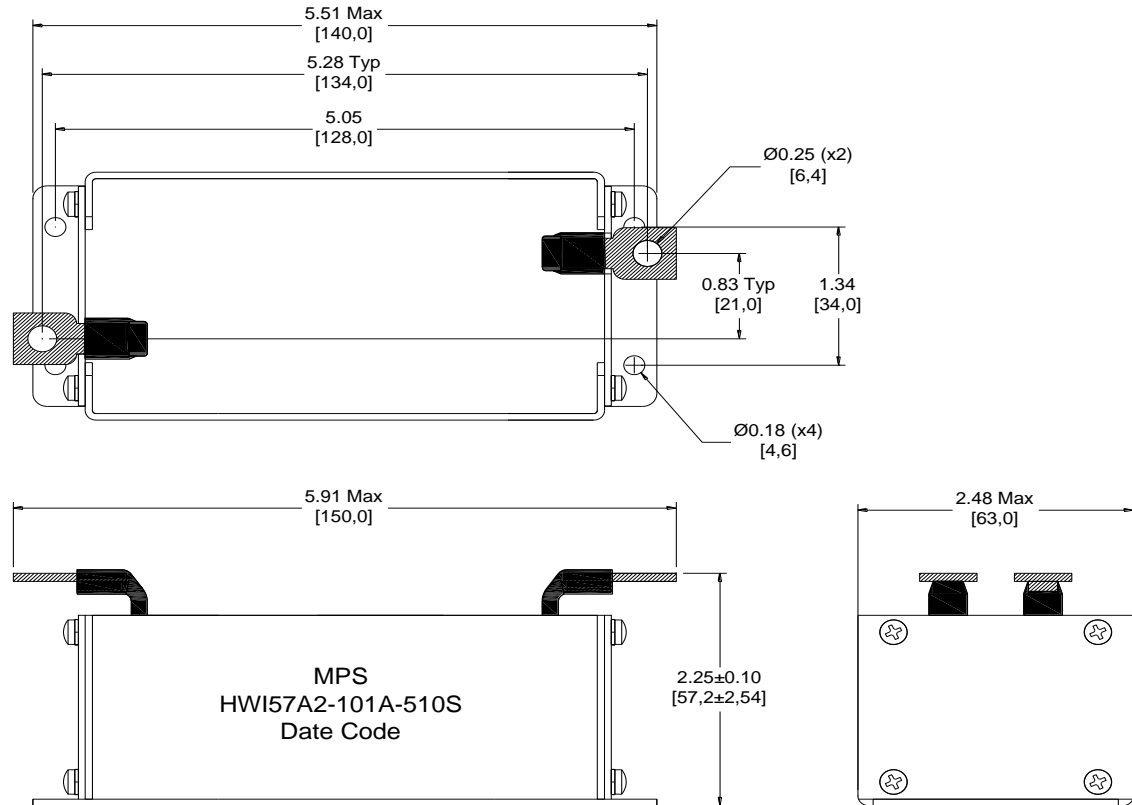


Rev	Description	By	Date
A	Released for production	AG	6-Jul-16

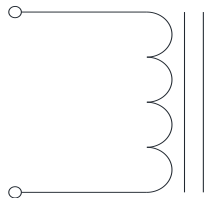
ELECTRICAL SPECIFICATIONS @ 25°C

L: 51μH±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 10% @55A
 ΔL ≤ 30% @106A
 Irms: ΔT ≤ 20°C @67A
 ΔT ≤ 40°C @101A
 DCR: 3 mΩ Max
 Hipot: 2kVdc, 1mA, 10s, wdg to case
 Insulation Class: Class H 180°C
 SRF: 8 MHz Typ
 RoHS Compliant: Yes

DIMENSIONS



SCHEMATIC




MARKING

MPS
 HWI57A2-101A-510S
 Date Code

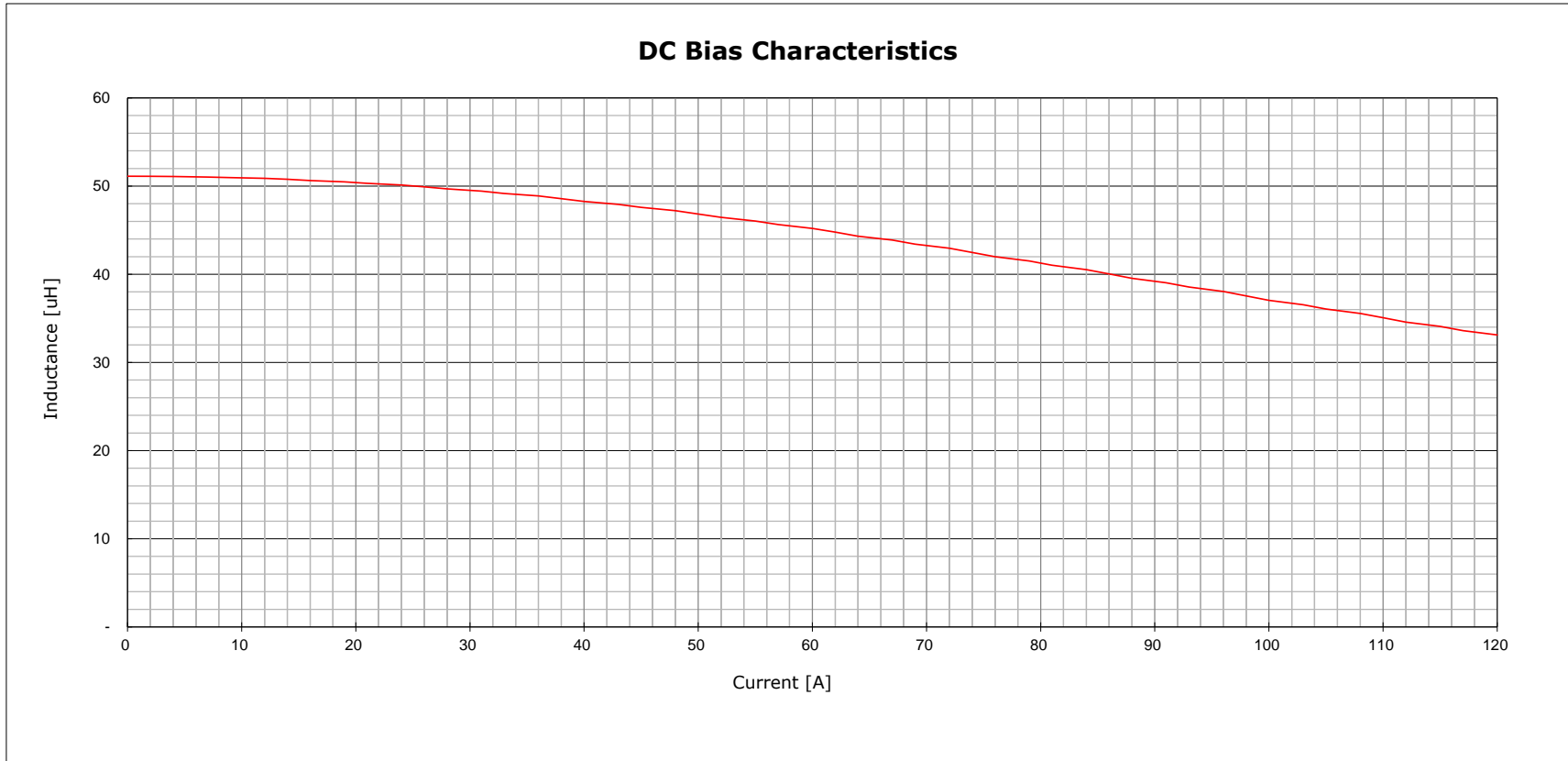
Dimensions: inch/[mm]

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	6-Jul-16 8-Jul-16

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Helical Wound Inductor	
Part Number	REV
HWI57A2-101A-510S	A
WEIGHT: XXX gms	SHEET: 1 OF 2

Rev	Description	By	Date
A	Released for production	AG	6-Jul-16

DC BIAS DATA:



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

6-Jul-16
 8-Jul-16

SIZE
A

SCALE: X:X



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Helical Wound Inductor

Part Number

HWI57A2-101A-510S

REV

A

WEIGHT: XXX gms

SHEET: 2 OF 2