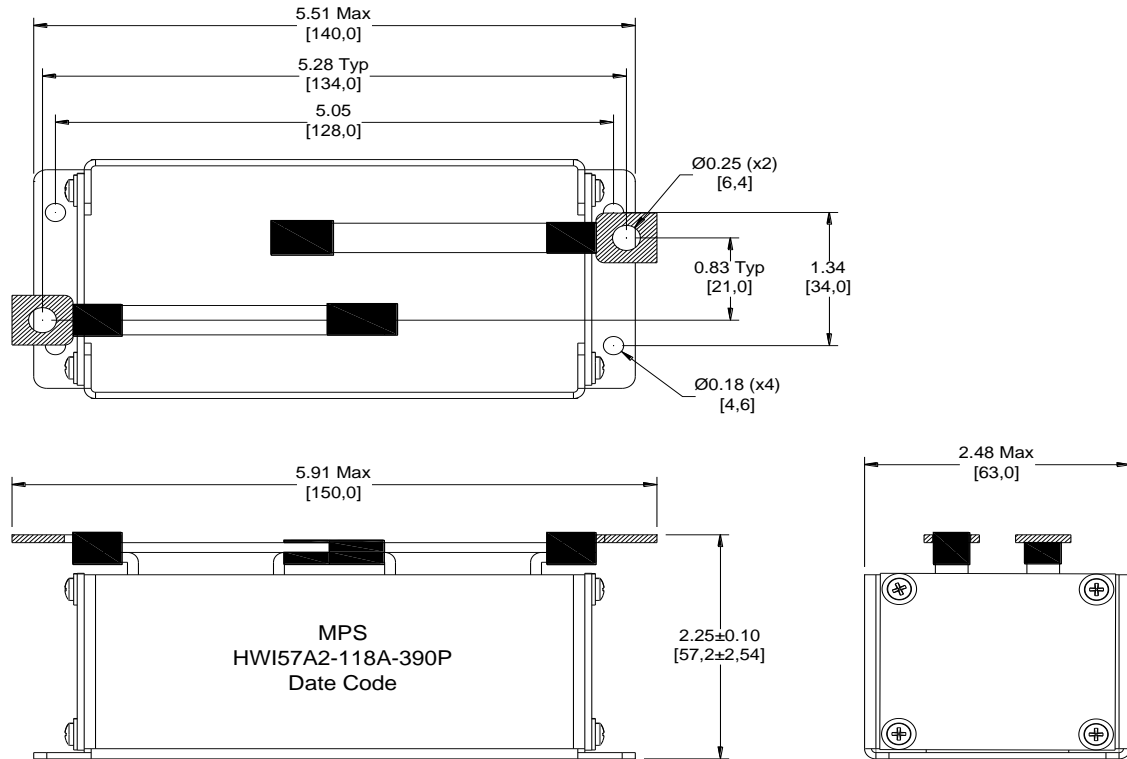


| Rev | Description | By | Date |
|-----|-------------------------|----|----------|
| A | Released for production | AG | 6-Jul-16 |

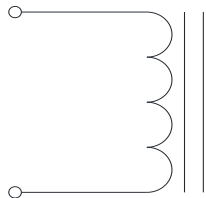
ELECTRICAL SPECIFICATIONS @ 25°C

L: 39μH±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 10% @62A
 ΔL ≤ 30% @122A
 Irms: ΔT ≤ 20°C @ 78A
 ΔT ≤ 40°C @ 118A
 DCR: 2.1 mΩ Max
 Hipot: 2kVdc, 1mA, 10s, wdg to case
 Insulation Class: Class H 180°C
 SRF: 6.2 MHz Typ
 RoHS Compliant: Yes

DIMENSIONS



SCHEMATIC




MARKING

MPS
 HWI57A2-118A-390P
 Date Code

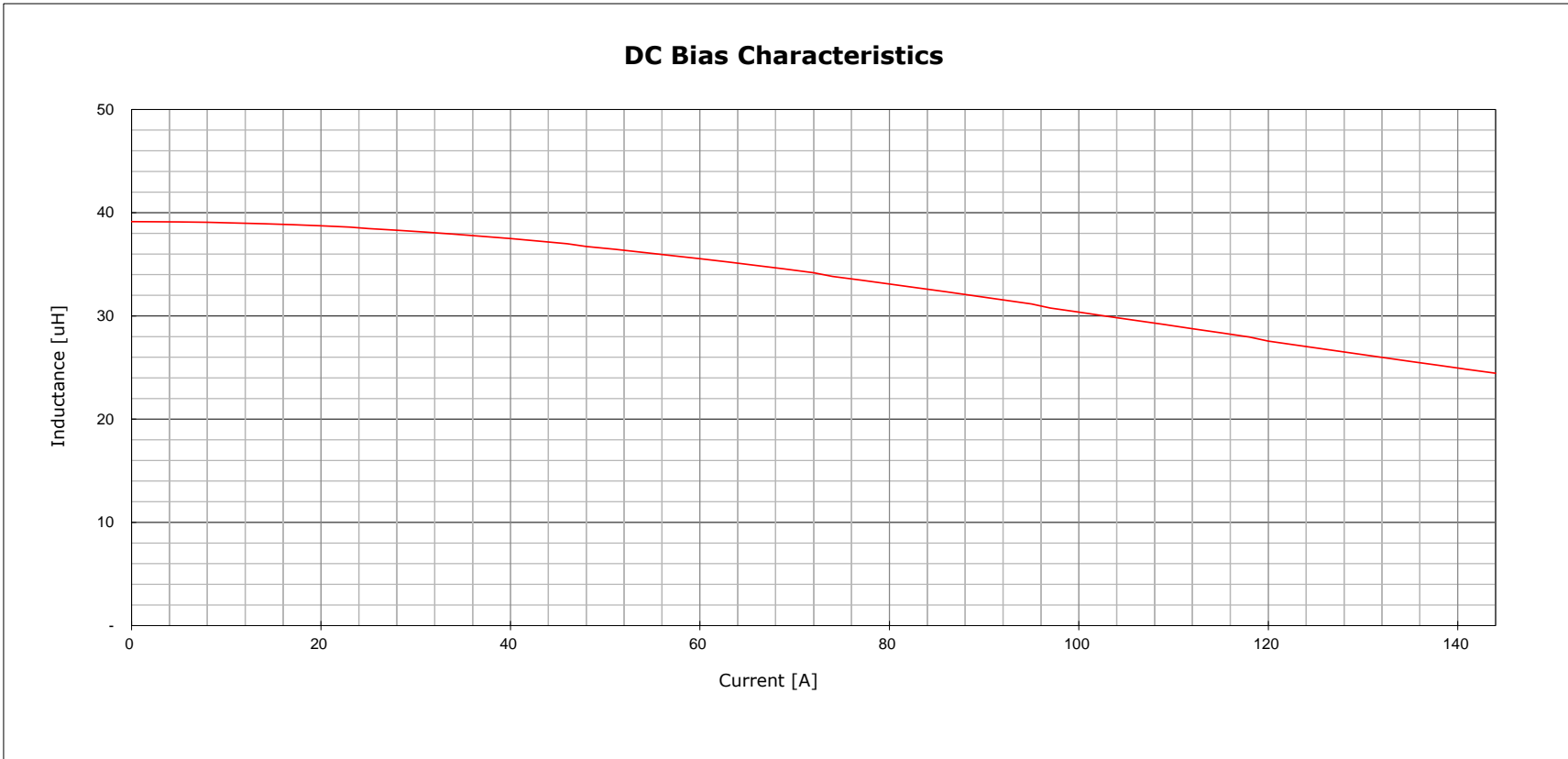
Dimensions: inch/[mm]

| | | | |
|---|--------------------------|----------|----------------------|
| 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 or 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 7-Jul-16 |

| | | | |
|--|--------------------------|-------------------------------|-----|
|  MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044 | | Description | |
| | | Helical Wound Inductor | |
| Part Number | HWI57A2-118A-390P | | REV |
| WEIGHT: XXX gms | | SHEET: 1 OF 2 | |

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

DC BIAS DATA:



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Dimensions

Unless otherwise specified
 .XX ± .010" [0,254mm]
 .XXX ± .005" [0,13mm]

DRAWN BY:
 CHECKED BY:

AG
 AY

6-Jul-16
 7-Jul-16

SIZE
A

Part Number

HWI57A2-118A-390P

SCALE: X:X

WEIGHT: XXX gms

SHEET: 2 OF 2

REV
A



MPS INDUSTRIES, INC.

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

Description

Helical Wound Inductor