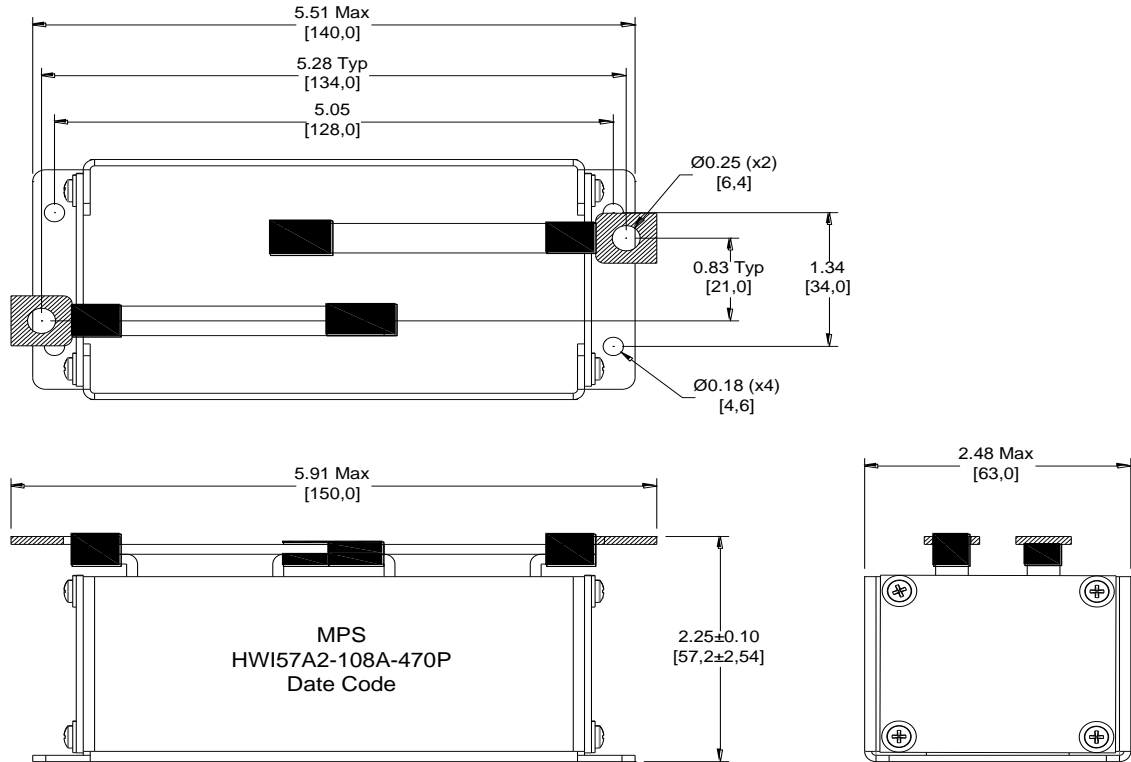


Rev	Description	By	Date
A	Released for production	AG	6-Jul-16

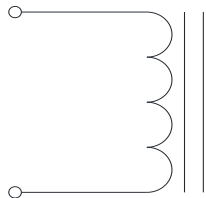
ELECTRICAL SPECIFICATIONS @ 25°C

L: 47µH±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 10% @56A
 ΔL ≤ 30% @112A
 Irms: ΔT ≤ 20°C @70A
 ΔT ≤ 40°C @108A
 DCR: 2.6 mΩ Max
 Hipot: 2kVdc, 1mA, 10s, wdg to case
 Insulation Class: Class H 180°C
 SRF: 5.4 MHz Typ
 RoHS Compliant: Yes

DIMENSIONS



SCHEMATIC



MARKING

MPS
 HWI57A2-108A-470P
 Date Code

Dimensions: inch/[mm]

Notice of Proprietary Property
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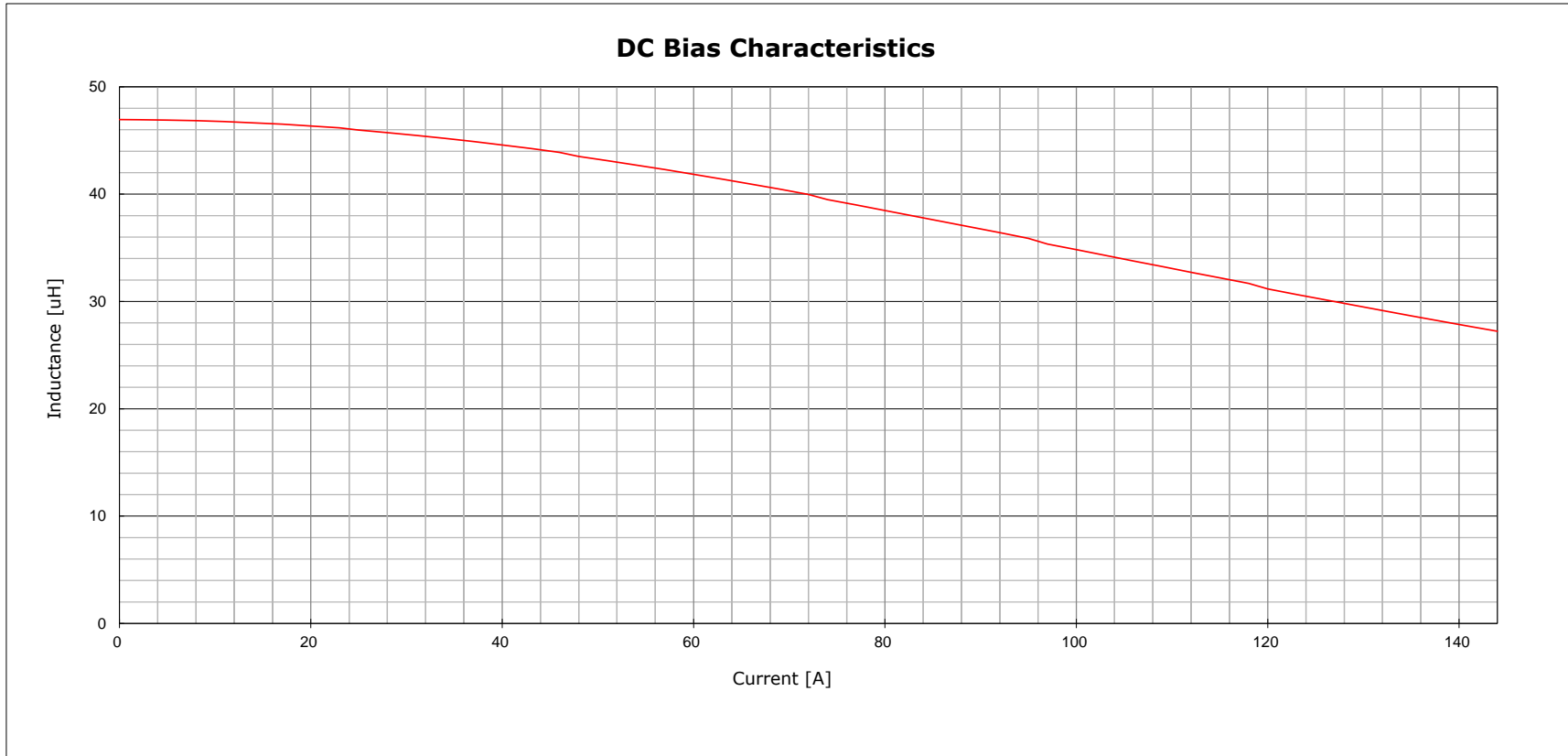
Description

Helical Wound Inductor

Dimensions	DRAWN BY:	AG	6-Jul-16	SIZE	Part Number	REV
Unless otherwise specified .XX ± .010"[0,254mm] .XXX ± .005"[0,13mm]	CHECKED BY:	AY	7-Jul-16	A	HWI57A2-108A-470P	A
					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

HWI57A2-108A-470P

SCALE: X:X

WEIGHT: XXX gms

SHEET: 2 OF 2

REV
A



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Description

Helical Wound Inductor