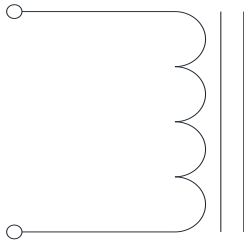


Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16
C	Corrected pin dimension and DC bias graph	AG	21-Sep-20

ELECTRICAL SPECIFICATIONS @ 25°C

L:	10μH±15% @ 10kHz, 1Vrms
Isat:	ΔL≤10% @ 84A ΔL≤30% @ 170A
Irms:	ΔT ≤ 20°C @ 40A ΔT ≤ 40°C @ 60A
DCR:	1.9mΩ Max
Hipot:	500Vdc, 1mA, 5s, wdg to core
Insulation Class:	Class H 180°C
RoHS Compliant:	Yes

SCHEMATIC

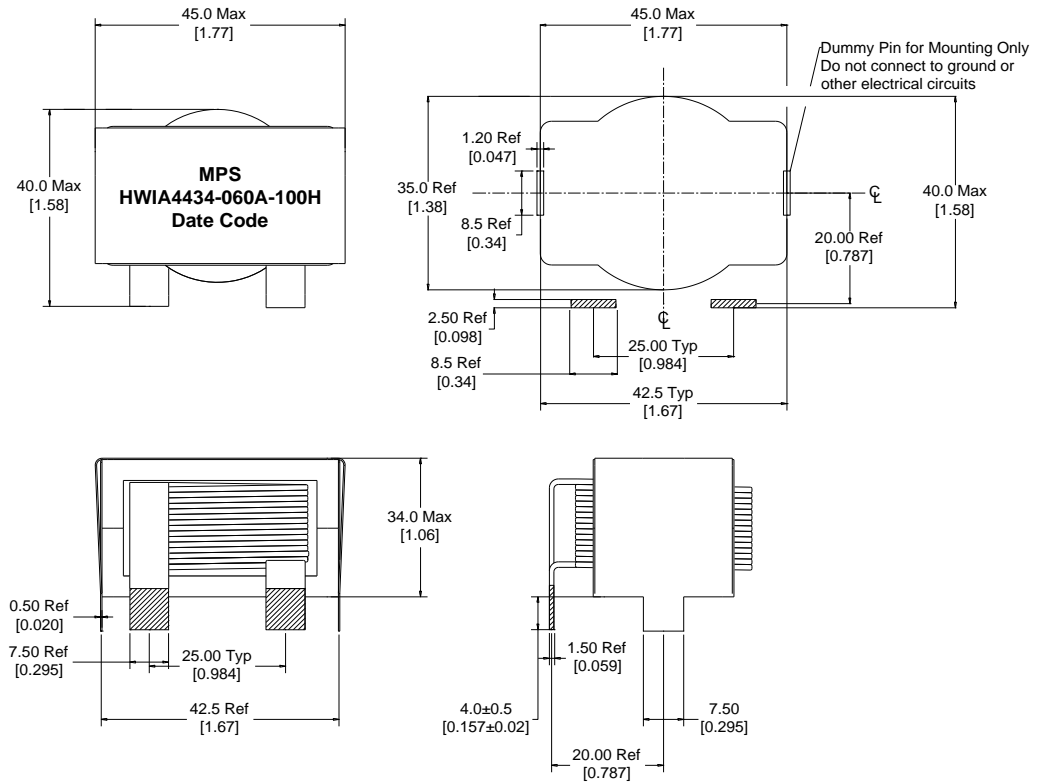


MARKING

MPS
HWIA4434-060A-100H_REV#
Date Code

DIMENSIONS

Recommended PCB Layout



Dimensions: mm/[inch]

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 ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]	DRAWN BY: CHECKED BY:	MIG KC	17-Mar-16 18-Mar-16	SIZE A
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MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Helical Wound Inductor

Part Number

HWIA4434-060A-100H

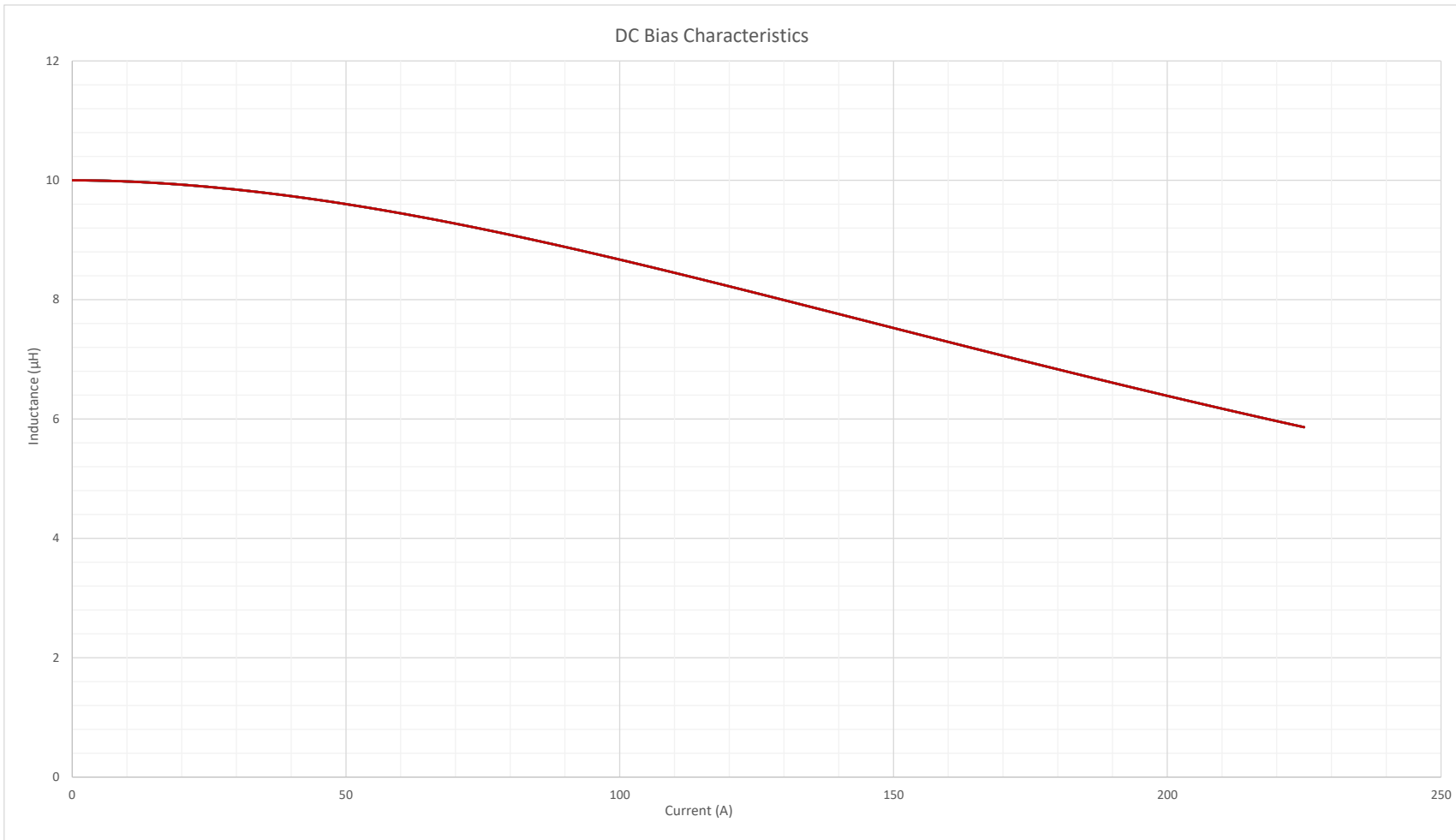
REV

C

WEIGHT: 250 gms

SHEET: 1 OF 2

Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16
C	Corrected pin dimension and DC bias graph	AG	21-Sep-20



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Description

Helical Wound Inductor

Dimensions
Unless otherwise specified
.XX ± 0.254mm [.010"]
.XXX ± 0.13mm [.005"]

DRAWN BY:
CHECKED BY:

MIG
KC

17-Mar-16
18-Mar-16

SIZE
A

Part Number

HWIA4434-060A-100H

REV

C

SCALE: X:X

WEIGHT: 250 gms

SHEET: 2 OF 2