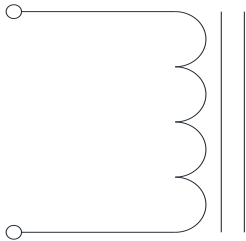


Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16
C	Corrected pin dimension and DC bias graph	AG	21-Sep-20

ELECTRICAL SPECIFICATIONS @ 25°C

L:	8.4±15% @ 10kHz, 1Vrms
Isat:	ΔL ≤ 10% @64A ΔL ≤ 30% @124A
Irms:	ΔT ≤ 20°C @ 66A ΔT ≤ 40°C @ 100A
DCR:	0.7mΩ Max
Hipot:	500Vdc, 1mA, 5s, wdg to core
Insulation Class:	Class H 180°C
RoHS Compliant:	Yes

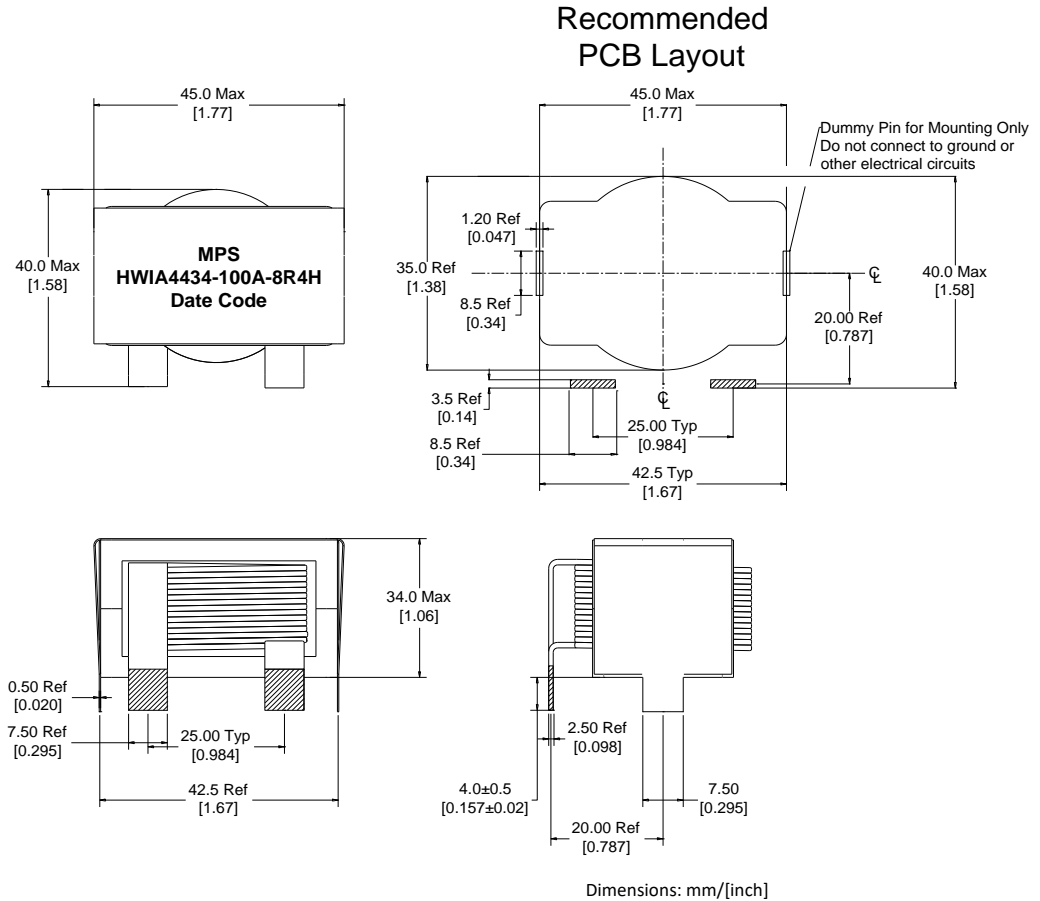
SCHEMATIC



MARKING

MPS
HWIA4434-100A-8R4H_REV#
Date Code

DIMENSIONS



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 ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]		DRAWN BY:	MIG	17-Mar-16	SIZE A	Part Number HWIA4434-100A-8R4H	REV C
		CHECKED BY:	KC	18-Mar-16			



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

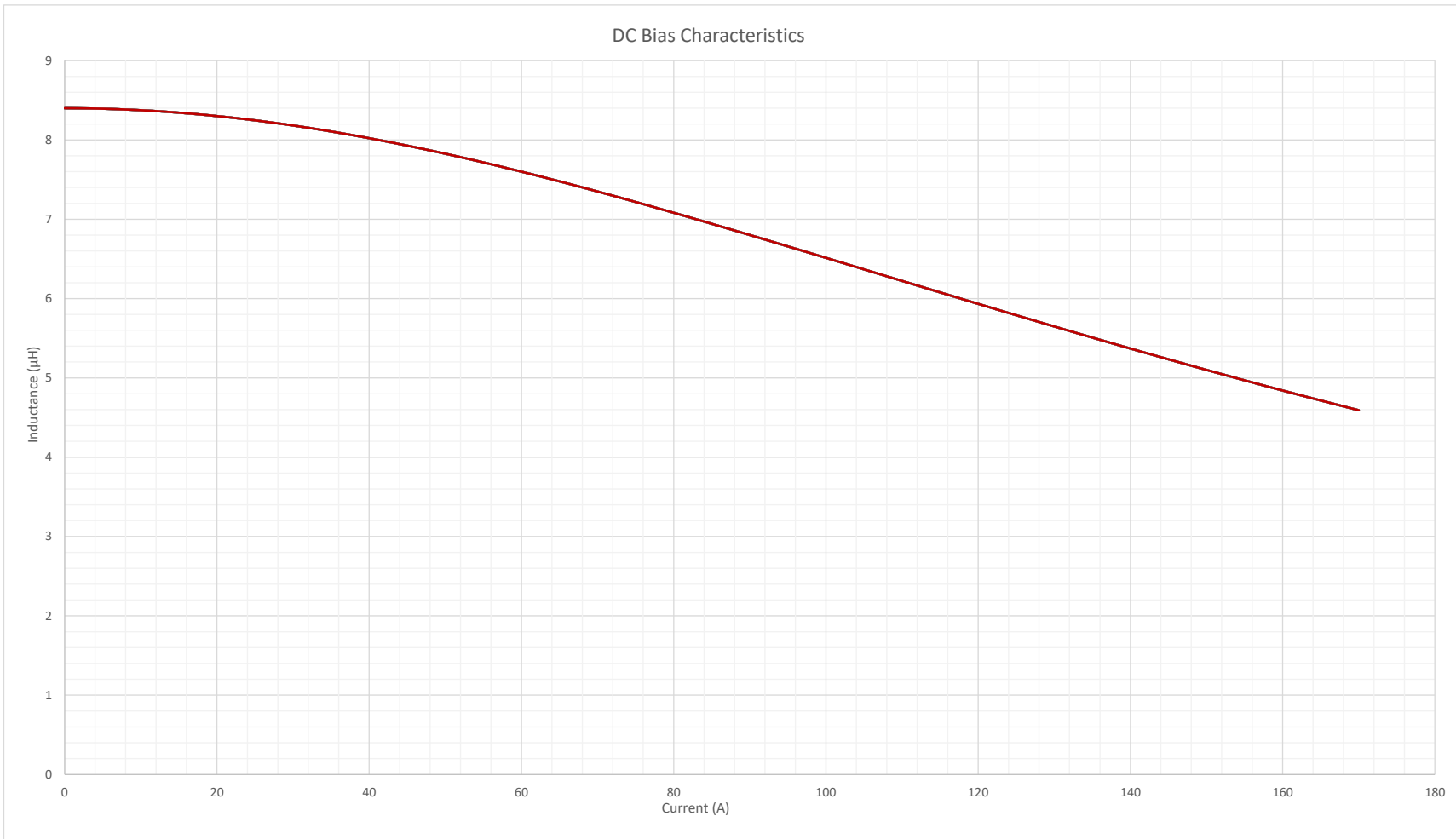
Helical Wound Inductor

HWIA4434-100A-8R4H

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



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



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

Helical Wound Inductor

Dimensions Unless otherwise specified .XX ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]	DRAWN BY:	MIG	17-Mar-16	SIZE	Part Number	REV
	CHECKED BY:	KC	18-Mar-16	A		
SCALE: X:X					Part Number	REV
					HWIA4434-100A-8R4H	C
			WEIGHT: 250 gms	SHEET: 2 OF 2		