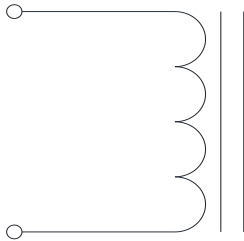


Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16
C	Corrected pin dimension and DC bias graph	AG	21-Sep-20

ELECTRICAL SPECIFICATIONS @ 25°C

L: 6.0±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 112A
 ΔL≤30% @ 225A
 Irms: ΔT ≤ 20°C @ 52A
 ΔT ≤ 40°C @ 80A
 DCR: 1.1mΩ Max
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 Insulation Class: Class H 180°C
 RoHS Compliant: Yes

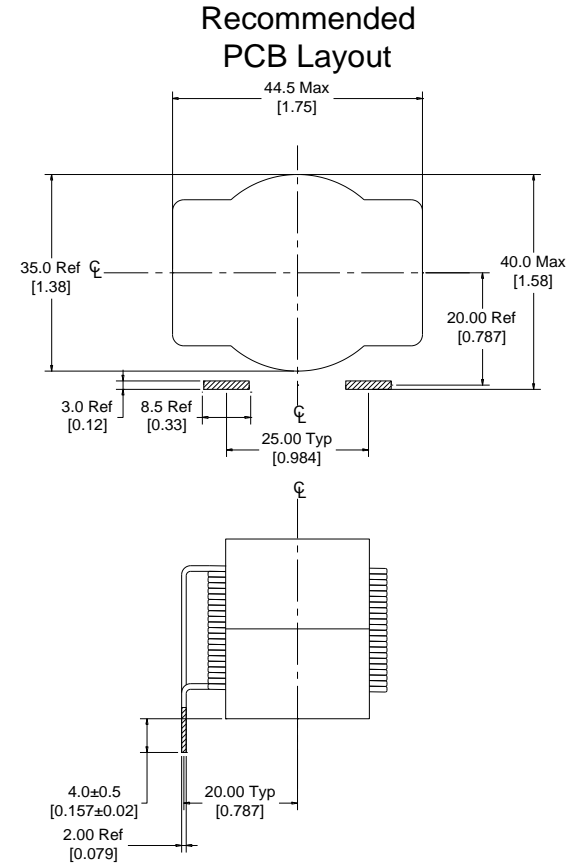
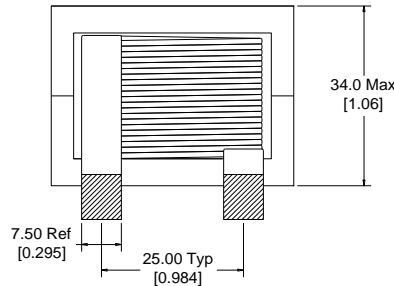
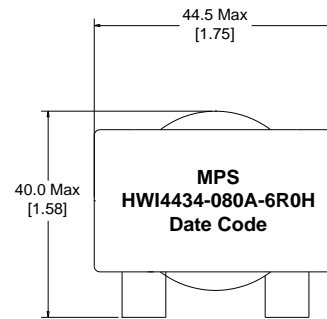
SCHEMATIC



MARKING

MPS
 HWI4434-080A-6R0H_REV#
 Date Code

DIMENSIONS



Dimensions: mm/[inch]

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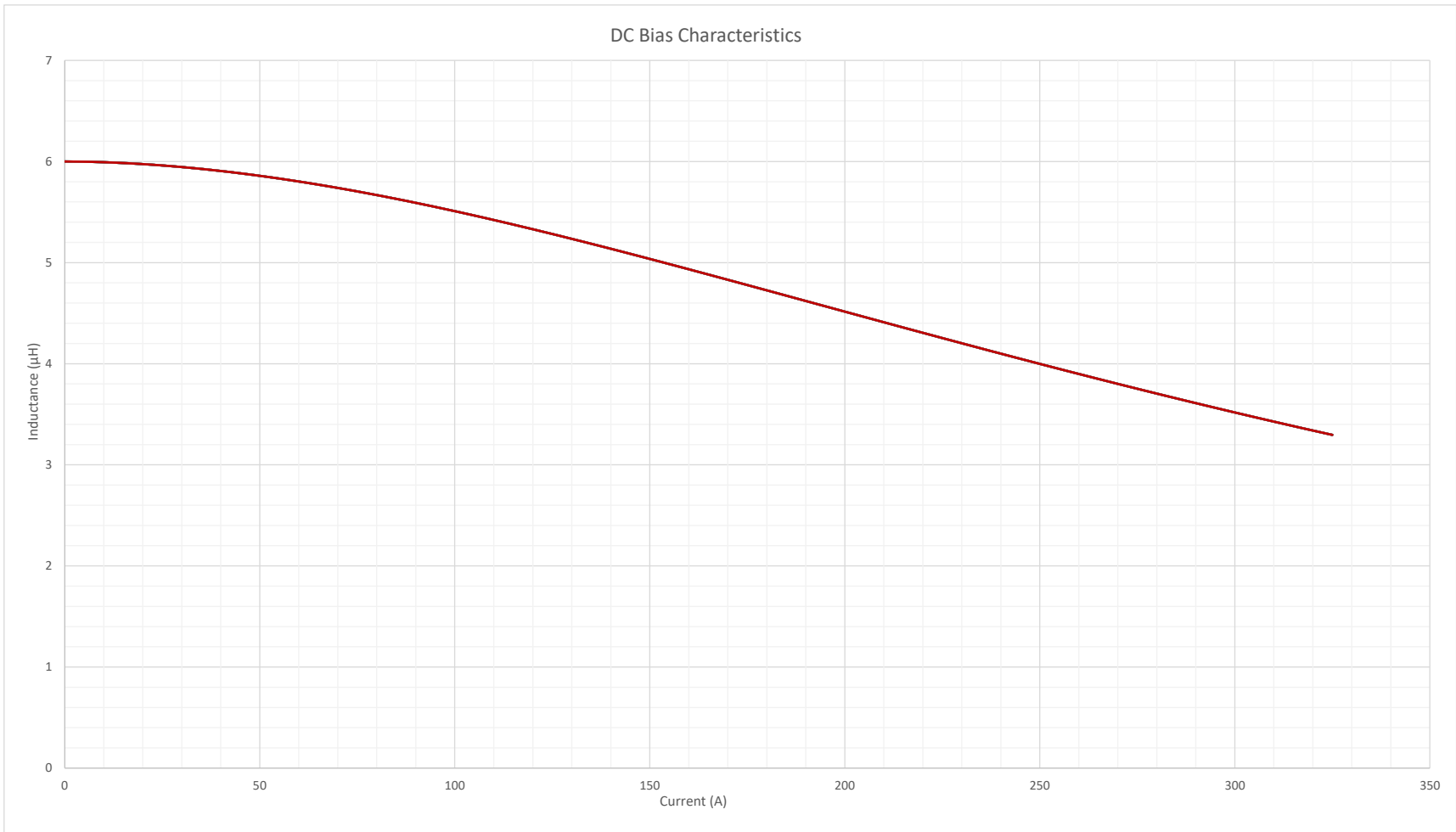
Tel: (310) 325-1043 Fax: (310) 325-1044

Description

Helical Wound Inductor

Dimensions	DRAWN BY:	MIG	17-Mar-16	SIZE	Part Number	REV
Unless otherwise specified .XX ± 0.254mm [.010"] .XXX ± 0.13mm [.005"]	CHECKED BY:	KC	18-Mar-16	A	HWI4434-080A-6R0H	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:	MIG	17-Mar-16	SIZE	Part Number	REV
	CHECKED BY:	KC	18-Mar-16	A		
					HWI4434-080A-6R0H	C
			SCALE: X:X	WEIGHT: 250 gms	SHEET: 2 OF 2	