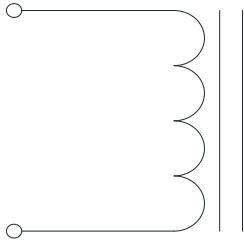


Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16

ELECTRICAL SPECIFICATIONS @ 25°C

L: 3.6±15% @ 10kHz, 1Vrms
 Isat: ΔL ≤ 10% @225A
 ΔL ≤ 30% @456A
 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

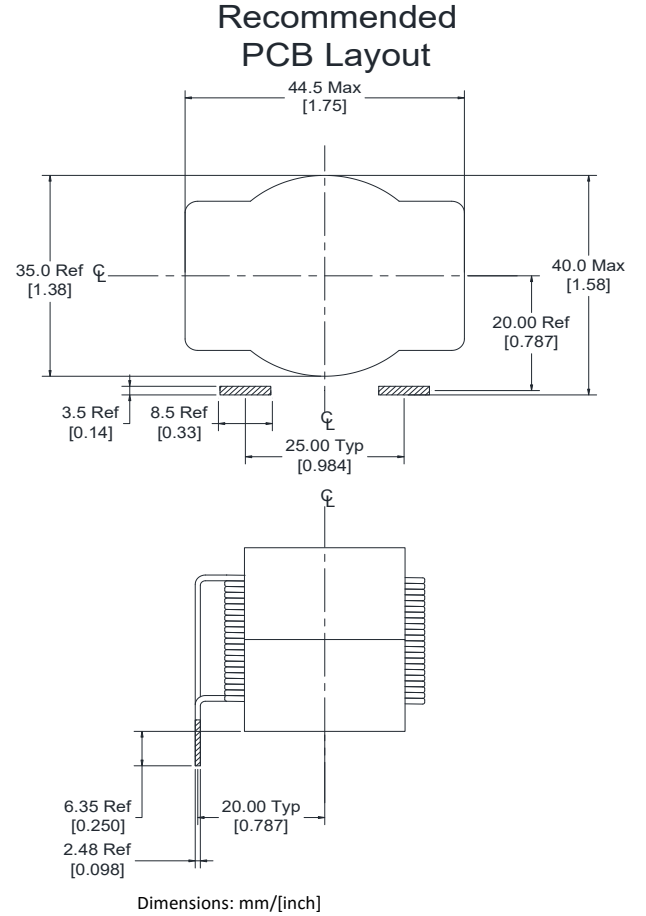
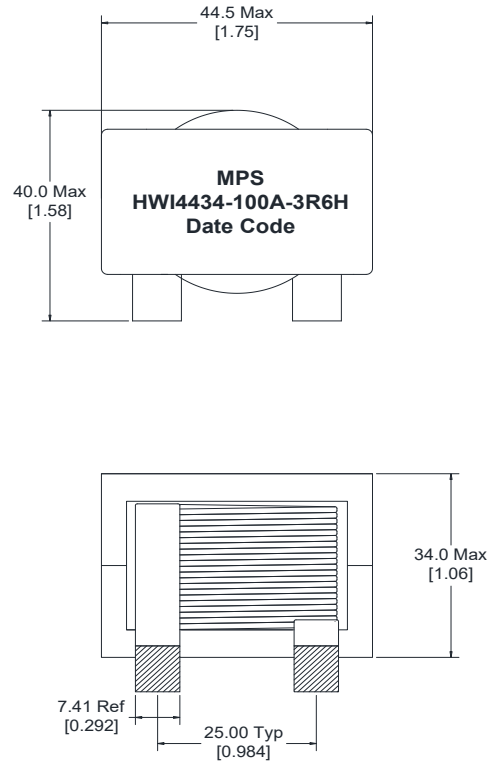
SCHEMATIC



MARKING

MPS
 HWI4434-100A-3R6H
 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 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
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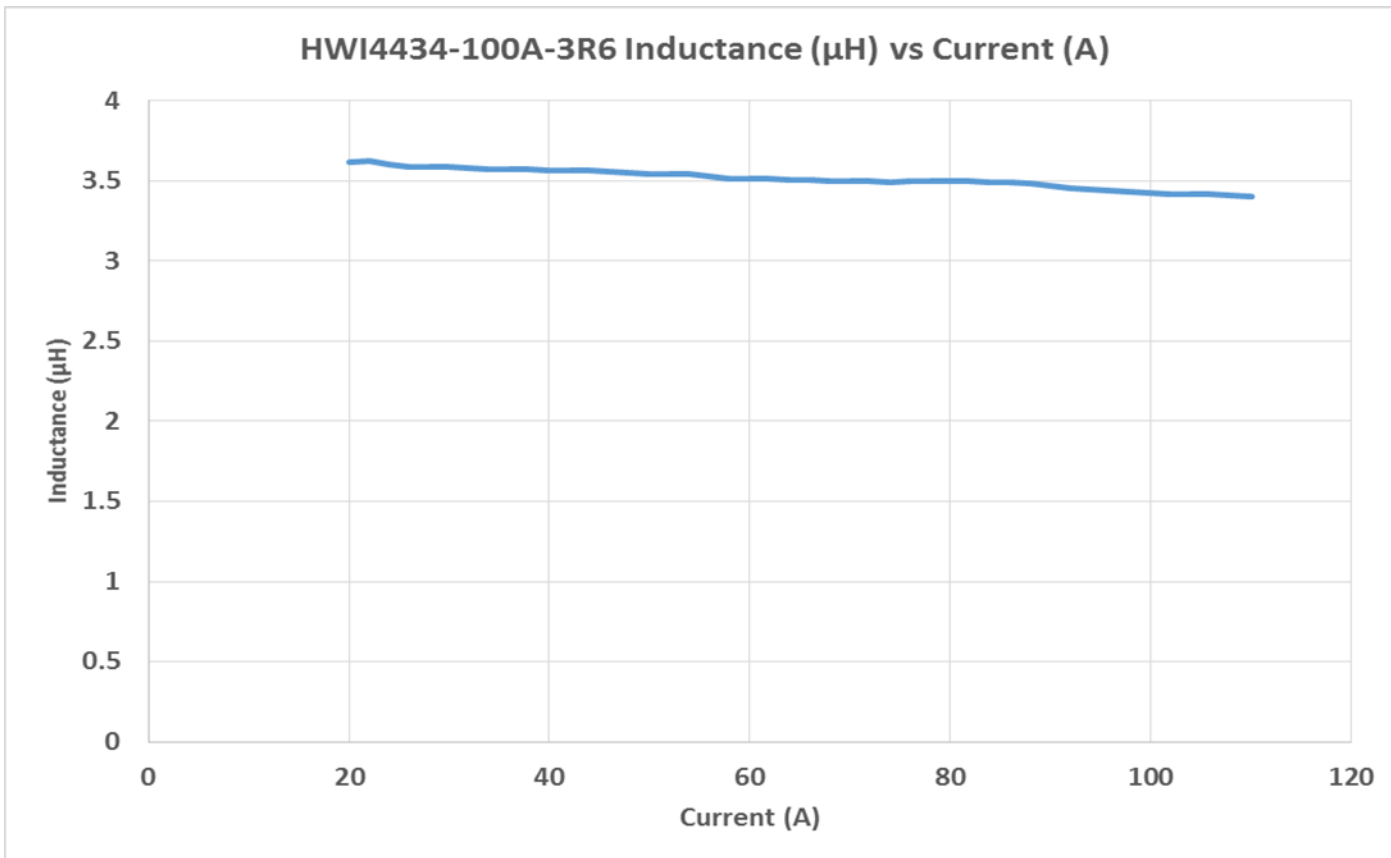


MPS INDUSTRIES, INC.
www.mpsind.com
 Tel: (310) 325-1043 Fax: (310) 325-1044

Description Helical Wound Inductor	
SIZE A	Part Number HWI4434-100A-3R6H
WEIGHT: 250 gms SHEET: 1 OF 2	
REV B	

Rev	Description	By	Date
B	Released for Production	MIG	17-Mar-16

DC Bias Data:



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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	HWI4434-100A-3R6H	B
					WEIGHT: 250 gms	SHEET: 2 OF 2



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Description

Helical Wound Inductor