

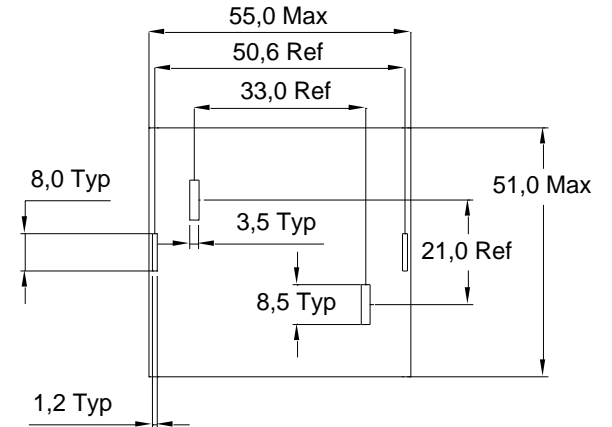
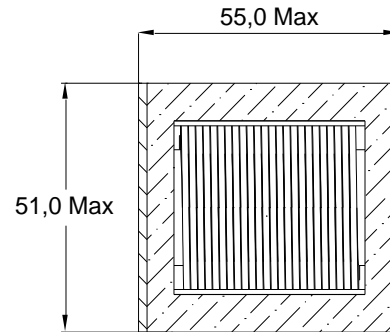
Rev	Description	By	Date
1	Preliminary	SO	7-Jul-23

ELECTRICAL SPECIFICATIONS @ 25°C

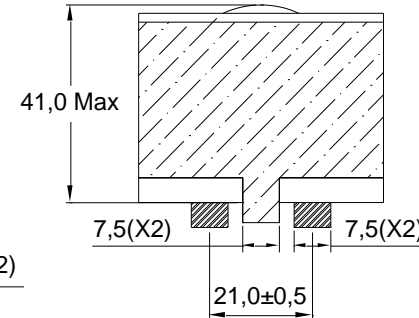
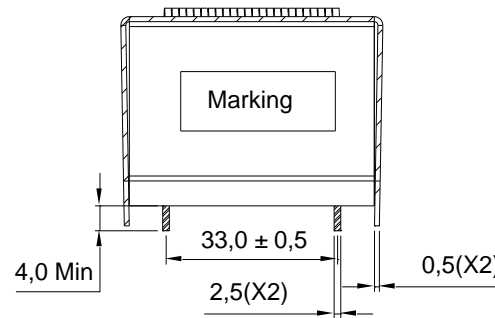
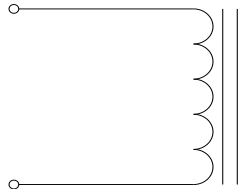
L: 26µH±15% @ 100kHz, 1Vrms
 Isat: ΔL≤10% @ 55A
 ΔL≤20% @ 83A
 ΔL≤30% @ 107A
 Irms: ΔT≤20°C @ 67A
 ΔT≤40°C @ 101A
 DCR: 1.5mΩ Max
 SRF: 11.5MHz Typ
 Hipot: 2kVdc, 1mA Max, 10s (wdg to case)
 Insulation Class: Class H, 180°C Min
 RoHS Compliant: Yes

DIMENSIONS

Recommended PCB Layout



SCHEMATIC



Dimensions: mm

MARKING

MPS
 HWI5252-101A-260V_ Rev#
 Date Code

Notice of Proprietary Property
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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005" [0,13mm]	DRAWN BY: CHECKED BY:	SO SO	16-Aug-23 16-Aug-23	SIZE A
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MPS INDUSTRIES, INC.

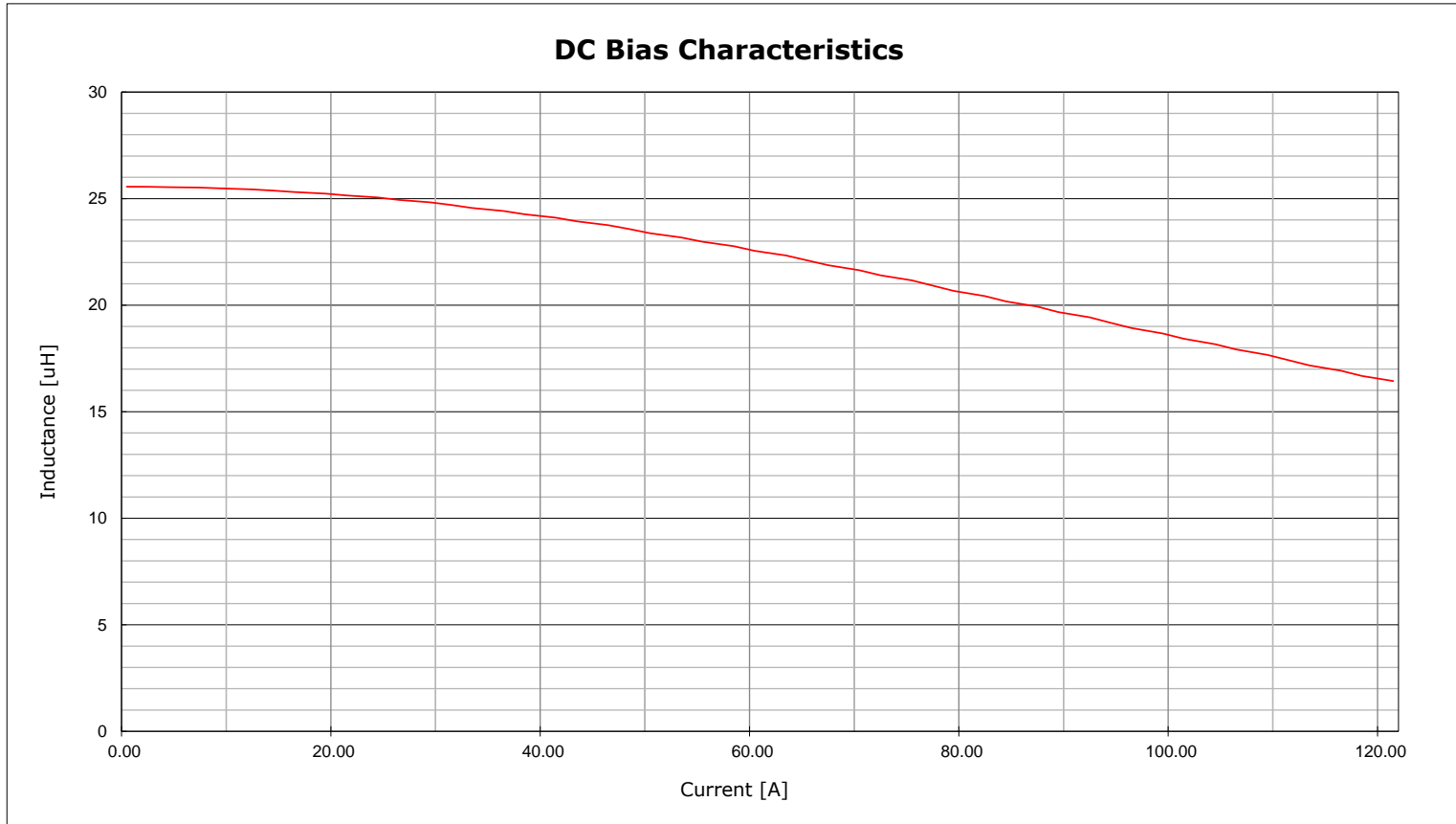
www.mpsind.com

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

Description High Power Inductor		REV 1
Part Number HWI5252-101A-260V	WEIGHT: xx gms SHEET: 1 OF 2	

Rev	Description	By	Date
1	Preliminary	SO	7-Jul-23

DC BIAS



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7/21/2017

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Dimensions	DRAWN BY:	SO	16-Aug-23	SIZE
Unless otherwise specified	CHECKED BY:	SO	16-Aug-23	A
.XX ± .010" [0,254mm]				
.XXX ± .005" [0,13mm]				

		MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description		High Power Inductor	
Part Number		HWI5252-101A-260V	
SCALE: X:X	WEIGHT: 800 gms	SHEET: 2 OF 2	REV 1