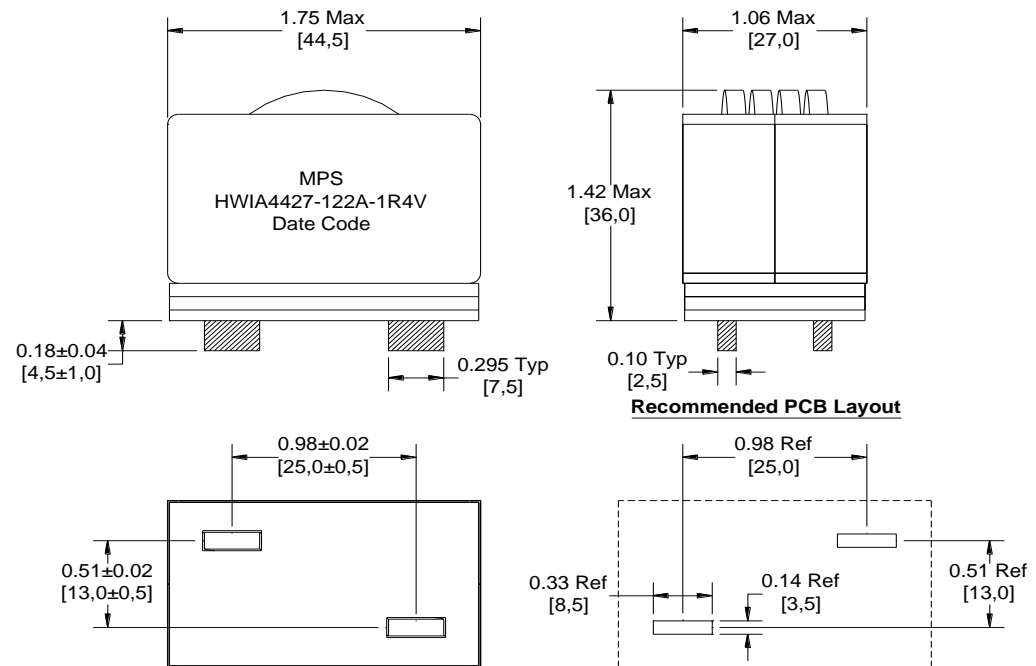


Rev	Description	By	Date
A	Released for production	AG	13-Jul-20

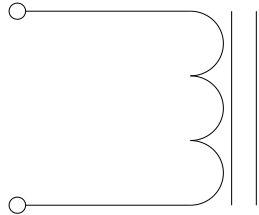
ELECTRICAL SPECIFICATIONS @ 25°C

L:	1.4μH±15% @ 10kHz, 1Vrms
Isat:	ΔL≤10% @ 205A
	ΔL≤30% @ 435A
Irms:	ΔT≤20°C @ 80A
	ΔT≤40°C @ 122A
DCR:	0.4mΩ Max
Hipot:	500Vdc, 1mA, 5s, wdg to core
RoHS Compliant:	Yes

DIMENSIONS



SCHEMATIC



MARKING

MPS
HWIA4427-122A-1R4V_REV#
Date Code

Dimensions: inch/mm

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 ± .010" [0,254mm] .XXX ± .005 [0,13mm]		DRAWN BY: CHECKED BY:	AG AY	13-Jul-20 13-Jul-20	SIZE A	Part Number HWIA4427-122A-1R4V WEIGHT: XX gms	REV A
--	--	--------------------------	----------	------------------------	------------------	--	-----------------



MPS INDUSTRIES, INC.

www.mpsind.com

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

Description

HEW Inductor

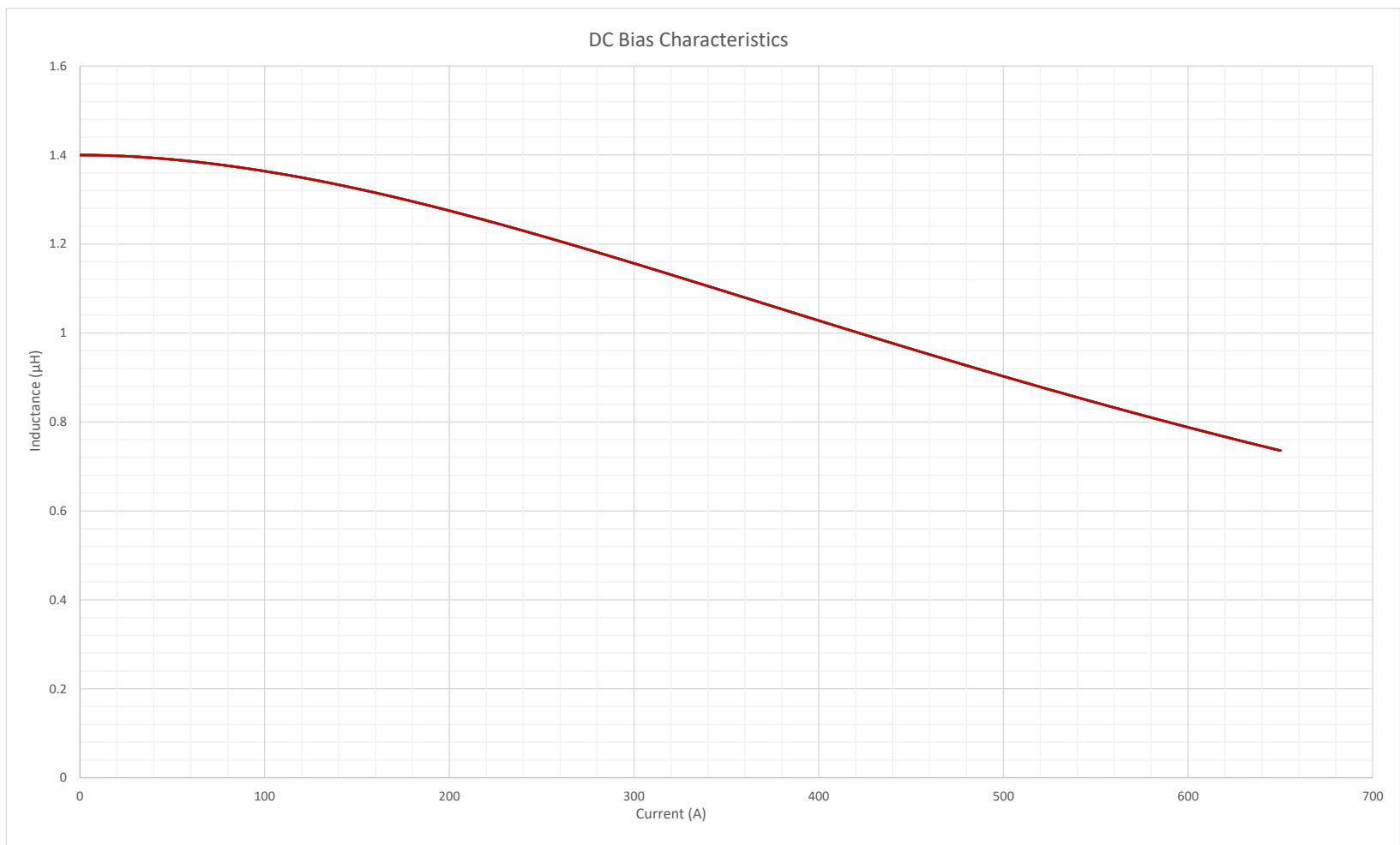
Part Number

HWIA4427-122A-1R4V

WEIGHT: XX gms

SHEET: 1 OF 2

Rev	Description	By	Date
A	Released for production	AG	13-Jul-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

Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY:	AG	13-Jul-20
	CHECKED BY:	AY	13-Jul-20



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

Description		HEW Inductor	
Part Number	HWIA4427-122A-1R4V		REV
WEIGHT: XX gms		SHEET: 2 OF 2	
		A	