

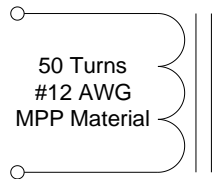
Rev	Description	By	Date
1	Preliminary	AY	12-Aug-20

## ELECTRICAL SPECIFICATIONS @ 25°C

L: 337 $\mu$ H $\pm$ 10% @ 10kHz, 1Vrms  
 $\Delta$ L  $\leq$ 35% @ 14.5Adc  
 DCR: 24m $\Omega$  Max  
 Insulation Class: Class F, 155°C Min  
 RoHS Compliant: Yes

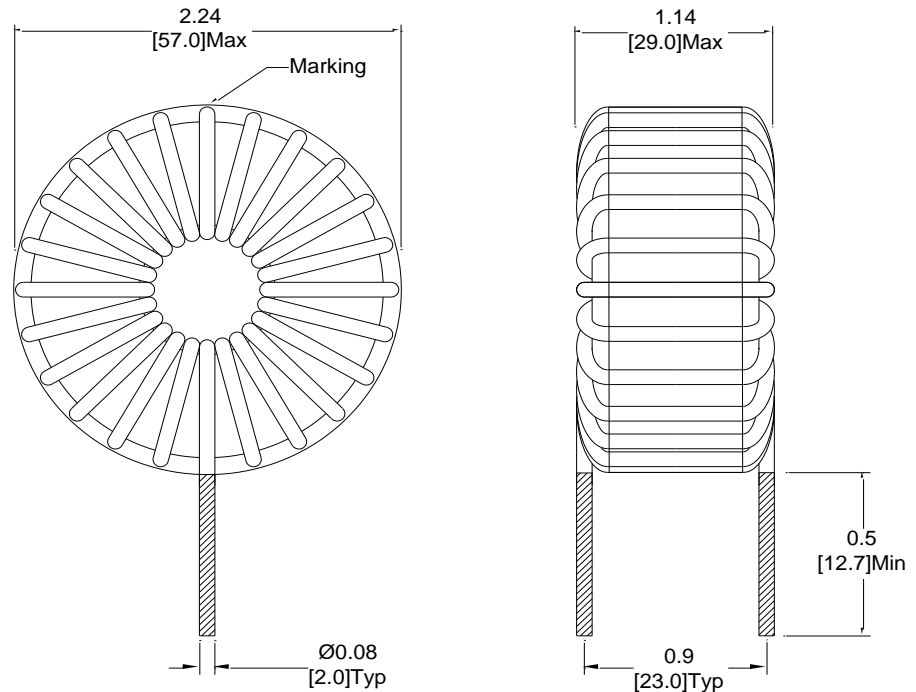
## DIMENSIONS

## SCHEMATIC



## MARKING

MPS  
 P11055\_Rev  
 Date Code



Dimensions: 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	DRAWN BY:	AY	12-Aug-20	SIZE	Part Number	REV
Unless otherwise specified .XX $\pm$ .010" [0,254mm] .XXX $\pm$ .005 [0,13mm]	CHECKED BY:	AG	12-Aug-20	<b>A</b>	<b>P11055</b>	<b>1</b>
WEIGHT: XX gms SHEET: 1 OF 2						



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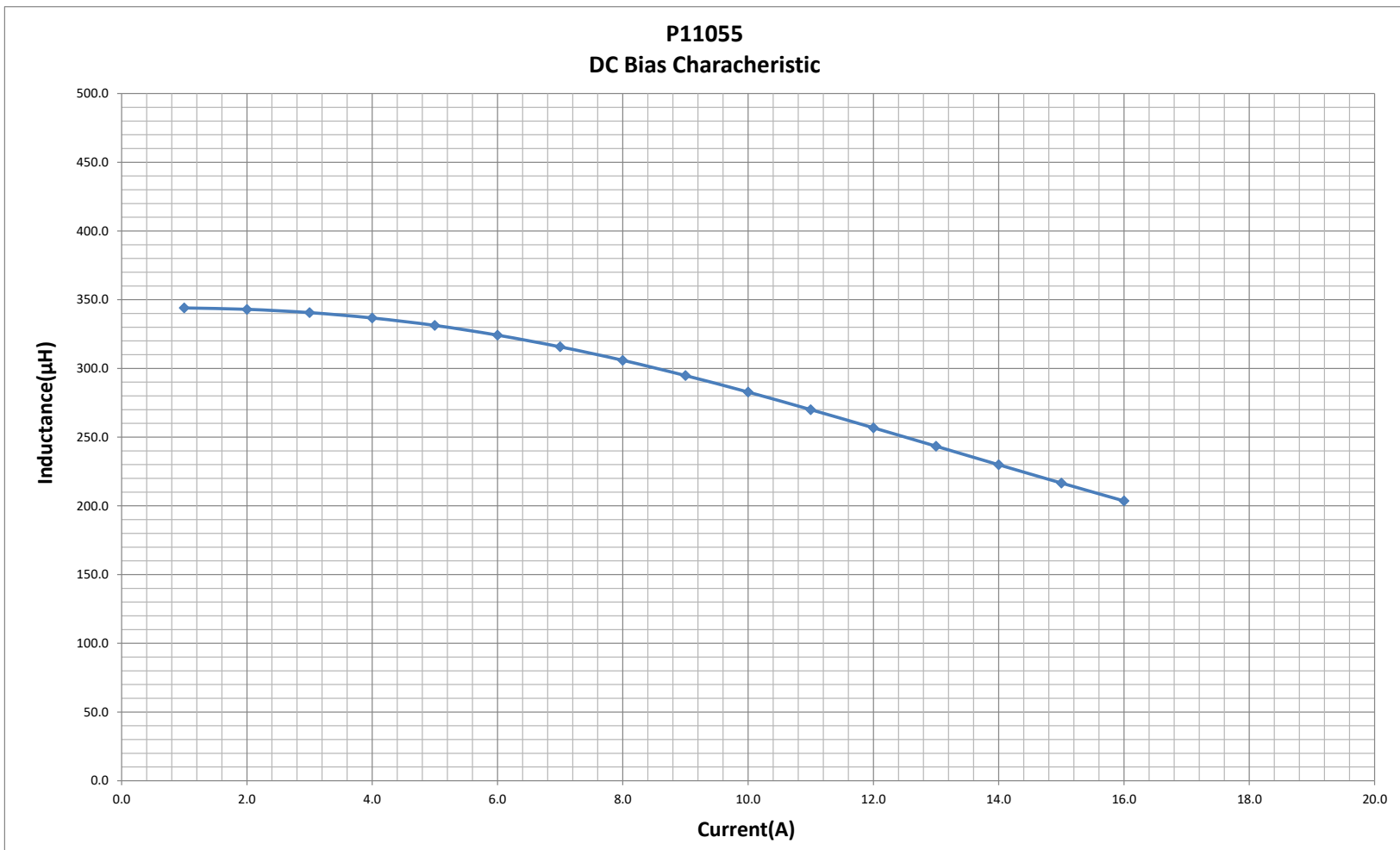
www.mpsind.com

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

Description

**Power Inductor**

Rev	Description	By	Date
1	Preliminary	AY	12-Aug-20



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**Dimensions**

Unless otherwise specified  
 $.X \pm 1.0[0.04"]$   
 $.XX \pm 0.51[0.020"]$

DRAWN BY:  
CHECKED BY:

AY  
AG

12-Aug-20  
12-Aug-20

SIZE  
**A**



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Description

**Power Inductor**

Part Number

**P11055**

REV

**1**

SHEET: 2 OF 2

Rev	Description	By	Date
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	Description	Qty	Supplier	Supplier Part Number	UL File #
1 or or or 2	Core	1 pc	Magnetics	55439A2, MPP material No substitutions without MPS engineering approval	
or or 3	Wire	0.3 lbs	MWS	#12HAPT, Class H 180C min or equiv	
or or 4	Tape	AR	3M	#5, clear tape for marking only or equiv	
or or 5	Tape	AR	KEWEI	J-236, fiberglass cloth tape or equiv	
or or 6	Solder	AR	Kester Shen Lih	Sn96Ag3.5Cu0.5 Sn96.5Ag3Cu0.5 or equiv	
or or 7	Marking	1 pc	MPS	MPS marking label or equiv	
or or 8					
or or 9					
or or 10					

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<b>Dimensions</b> Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY: CHECKED BY:	AY AG	12-Aug-20 12-Aug-20
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Description

**Power Inductor**

Part Number

**P11055**

REV

**1**

WEIGHT: XX gms

SHEET: 3 OF 5

## WINDING SEQUENCE

## NOTES

SHEET: 4 OF 5

**CONSTRUCTION**

Rev	Description	By	Date
1	Preliminary	AY	12-Aug-20

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**Dimensions**

Unless otherwise specified  
.XX ± .010" [0,254mm]  
.XXX ± .005 [0,13mm]

DRAWN BY:  
CHECKED BY:

AY  
AG

12-Aug-20  
12-Aug-20

SIZE  
**A**

Part Number

**Power Inductor**

**P11055**

WEIGHT: XX gms

SHEET: 5 OF 5

REV  
**1**



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Description