

SPECIFICATION FOR APPROVAL

Customer:

Cust.'s P/N:

Product Name:

Toroidal Coil Inductor

Sunpro P/N:

DL953B401S

Version: 1.0

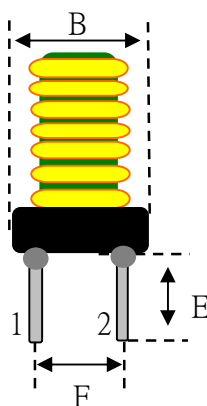
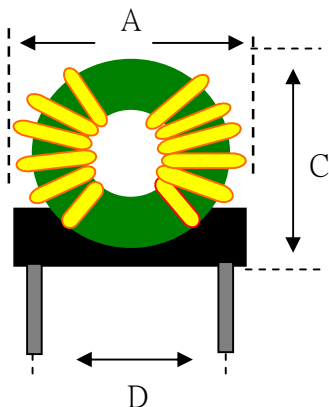
Date: 2017-11-22

Manufacturer		
Prepared	Checked	Approval
<i>E</i>		<i>V</i>
<i>i</i>	<i>J</i>	<i>i</i>
<i>l</i>	<i>a</i>	<i>n</i>
<i>e</i>	<i>c</i>	<i>c</i>
<i>e</i>	<i>k</i>	<i>e</i>
<i>n</i>		<i>n</i>
		<i>t</i>

Authorized Signature

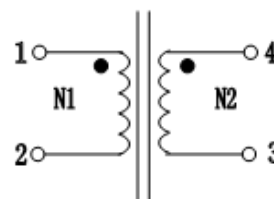
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Description:	Toroidal Coil Inductor 400uH min	Date:	2017-11-22

1.Configurations & Dimensions(m/m)



A:	11.0	Max
B:	6.5	Max
C:	15.0	Max
D:	7.0	Ref
E:	4.00	± 1.0
F:	3.50	Ref

2.Schematic Diagram



3.Electric Characteristics

ITEM	SPEC	FREQUENCY	TEST INSTRUMENTS
L(uH)	400uH min	1.0KHz/0.25V	VR115
DCR	200mΩ(Max)		CH-502BC
IDC			TH2818+TH1755

TEMP: 25°C degree

HUMDITY: 65%

4.Material Lists

NO	Description	Material	Vendor
1	CORE	TC9*5*3 R10K	
2	WIRE	2UEW ϕ 0.45*2P*8.5TS	
3	BASE	7*3.5mm	
4			
5			
Approval		Checked	Prepared
<i>Vincent</i>		<i>Jack</i>	<i>Eileen</i>

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5.Test Data

Test Item	L(uH)	DCR(mΩ)	IDC(A)	A mm	B mm	C mm	H mm	I mm
	400.0	200.0		11.0	6.5	15.0		
SPEC	Min	Max		Max	Max	Max		
1	521.00	173.000		10.340	6.220	14.210		
2	456.00	172.000		10.330	6.210	14.220		
3	480.00	170.000		10.350	6.220	14.200		
4	541.00	172.000		10.320	6.200	14.220		
5	532.00	166.339		10.340	6.230	14.661		
6	458.00	172.740		10.300	6.200	14.452		
7	510.00	172.526		10.340	6.220	14.088		
8	454.32	178.437		10.350	6.210	13.696		
9	456.94	164.372		10.330	6.200	13.646		
10	469.73	172.237		10.320	6.210	13.781		
X	479.91	173.968		10.393	6.238	14.198		
R	86.68	14.065		0.050	0.030	1.015		

Test Equipment: VR115

Test Condition: Test Frequency: 1.0KHz/0.25V

TEMP: 25°C degree HUMDITY: 65%

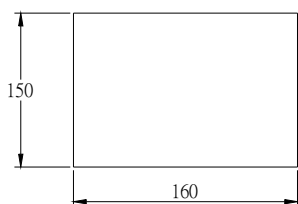
6.General Specification:

- Temperature Rise Current: $\Delta T + 30^{\circ}\text{C}$ TYP at Irms.
- Saturation Rated current: Inductance drop = 10% TYP, at Isat.
- Storage temp: -40°C ---- $+105^{\circ}\text{C}$
- Operating temp: -40°C --- $+125^{\circ}\text{C}$
- Resistance to solder heat: 260°C .10 secs.

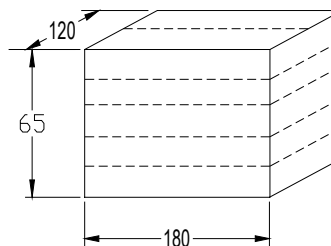
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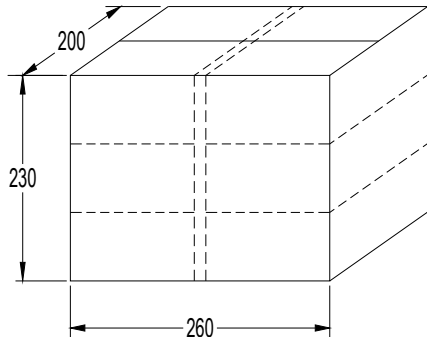
7.Packing



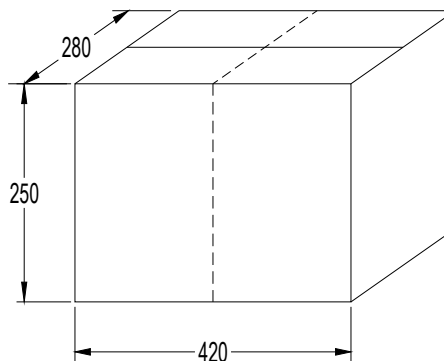
PE袋: 150*160*0.06mm/m
一PE袋装200pcs



内盒规格为180mm*120mm*65mm
一内盒装2包, 数量2*200pcs=400pcs



内箱规格为260mm*200mm*230mm
一内箱装6内盒



外箱规格为420mm*280mm*250mm
一外箱装2内箱

TOTAL:200PCS*2包*6内盒*2内箱=4800pcs

Approval	Checked	Prepared
<i>Vincent</i>	<i>Jack</i>	<i>Eileen</i>