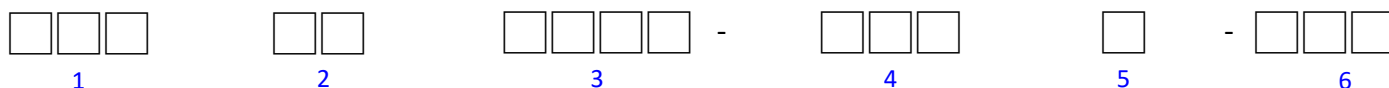
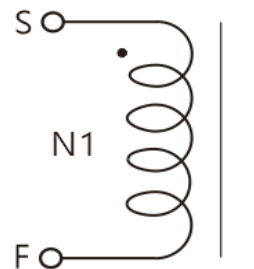
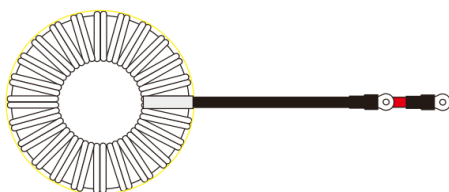
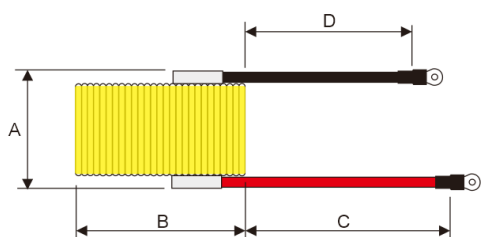


⊕ Product Identification :



Series name	Dimensions(ODxDxHt)		Internal code		Inductance		Tolerance		Material	
DSFC	250	63.1x31.37x26.27	L =Level		1R0	1 μH	K	10%	060A=60ui	
			LB=Level+Base		100	10 μH	M	20%	075A=75ui	
			S=Stand		101	100 μH	N	30%	125A=125ui	

⊕ Shapes And Dimensions



⊕ Equivalent Circuit Schematic :

Part No.	Dimensions(mm)			
	A	B	C	D
DSFC250N3P1S-711K-060A	64.20	87.00	60.00	55.00
	Max	Max	Ref	Ref

⊕ Electrical Characteristics :

Part No.	Pin No	L (uH) 1KHz/1V	DCR (mΩ)	Winding (Ref)	Insulation Resistance (MΩ)	Hi-Pot
DSFC250N3P1S-711K-060A	S-F (N1)	710 ±10%	26	1.8mm*3P*60.5T	100	AC 1500V,
	-	-	-	-	Min	5 mA,
	-	-	Max	-	DC 500V	60 Sec

※Test Instrument : L (CH1062A), RDC(5300S), HI-POT (UC8120), Insulation Resistance(UC5815)

※Insulation Class : CLASS B (130°C)

※Operating temperature range : -25 °C - 100 °C, 30% - 85%R.H

※Storage temperature range : -20 °C - 80 °C

⊕ Material List :

No.	Location	Supplier	Material	UL File No
1	Core	KDM	SKF250-060A , Fe-Si core	
2	Wire	TAI-I ELECTRIC WIRE & CABLE CO LTD	EIW H,1.8mm,180°C	E85640
3	Tape	JINGJIANG FUWEI ADHESIVE PRODUCT CO	130°C, B	E302608
4	Lead Wire	YONG HAO ELECTRICAL INDUSTRY CO LTD	UL1015 105°C,600V, SINGLE-CONDUCTOR	E240426
5	UL Tube	SHENZHEN WOER HEAT-SHRINKABLE	600V 125°C,VERSAFIT V2,RSFR-H	E203950
6	Varnish	QUALIPOLY CHEMICAL CORP	MW75-C 155°C	E213437

TEST DATA FOR PREPRODUCTION SAMPLES

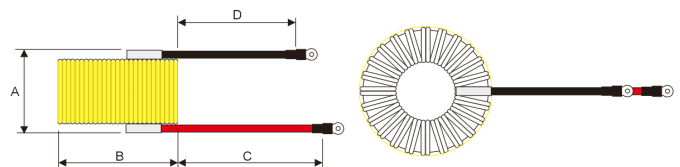
Customer		Test Date	2017-2-17		
RSiN Part No.	DSFC250N3P1S-711K-060A	Sample Quantity	5	PCS	
Lot No		Test Temp	25°C	Test Humidity	62%

MEAS Item	L(N1) (uH)	L(N2) (uH)	DCR(N1) (mΩ)	DCR(N2) (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	I. R (MΩ)	Hi-Pot
SPEC	710		26		64.20	87.00	60.00	55.00	100	1500V
Upper	781.00	-	26	-	64.2	87	-	-	-	AC
Lower	639.00	-	-	-	-	-	-	-	100	60s
Tolerance	10%		Max		Max	Max	Ref	Ref	Min	5mA
Test Freq.	1KHz/1V								-	60Hz
1	703.20		18.52		53.50	72.50	OK	OK	OK	OK
2	705.60		18.68		53.60	73.20	OK	OK	OK	OK
3	702.30		18.69		53.30	72.70	OK	OK	OK	OK
4	705.90		18.44		54.10	72.60	OK	OK	OK	OK
5	706.20		18.53		53.80	73.60	OK	OK	OK	OK
6										
7										
8										
9										
10										
Average	704.64		18.57		53.66	72.92				
Max	706.20		18.69		54.10	73.60	0.00	0.00	0.00	0.00
Min	702.30		18.44		53.30	72.50	0.00	0.00	0.00	0.00
Range	3.90		0.25		0.80	1.10	0.00	0.00	0.00	0.00
StDevP	1.58		0.10		0.27	0.42	#####	#####	#####	#####

Test Instrument

LCR CH1062A
DCR 5300S
Hi-Pot UC8120
I.R UC5815

Configuration



Coil Spec : N1 : 1.8mm*3P*60.5T

Drawn by

davy

Checked by

amanda

Approved by

Vincent