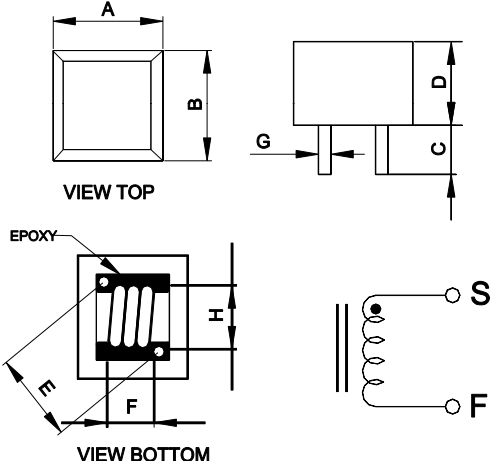


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Power Choke Inductors	Description	SI121209N-1R0M
PART NO.	302-99481	DATE	2013.05.30
(1) DIMENSION(UNIT:mm)  注: CORE 顏色為黑色, 印字為白色.		A	12.5 (Max) mm
		B	12.5 (Max) mm
		C	3.4 ± 0.5 mm
		D	10.0 (Max) mm
		E	9.64 ± 0.5 mm
		F	6.8 ± 0.5 mm
		G	Ø1.3 ± 0.1 mm
		H	6.8 ± 0.5 mm
(2) ELECTRICAL REQUIREMENTS			
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	LCR-METER:
L	1.0μH±20%	100KHz 1V	HP-4291A V WK3260B
DCR	2.0mΩ (Max)	KHz V	DC RESISTANCE METER: V WK3260B
IDC	40A (Max)	100KHz 1V	CURRENT SOURCE: V TH2816B+1320
		KHz V	CURRENT SOURCE: WK3260B
		KHz V	GW PUNCTURE INSULATION TESTER TH2816B+1320
(4) TURNS: 4.5Ts(REF)			
(5) MATERIAL LIST			
ITEM	MATERIAL	DESCRIPTION	
1	IRON CORE		
2	WIRE		
3	EPOXY		
4			
REMARK:		APPROVED	CHECKED
		<i>Simon</i>	辛海峰
			童娟

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TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-99481		Test Q'ty:	10	PCS			
CUST P/N.		Description:	SI121209N-1R0M			Date:	2013.05.30			
MEASURE ITEM	L (μH)	DCR (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	
SPECIFIC	1.0	2.0	12.5	12.5	3.4	10.0	9.64	6.8	6.8	
SUGGEST	±20%	Max	Max	Max	± 0.5	Max	±0.5	±0.5	±0.5	
1	1.12	1.5	12.14	12.15	3.46	9.65	9.60	7.14	7.06	
2	1.12	1.5	12.12	12.13	3.47	9.60	9.60	7.11	7.14	
3	1.05	1.5	12.15	12.15	3.45	9.62	9.57	7.07	7.09	
4	1.07	1.5	12.12	12.12	3.44	9.65	9.54	6.80	6.86	
5	1.06	1.5	12.14	12.14	3.45	9.64	9.52	6.96	7.05	
6	1.07	1.5	12.14	12.13	3.66	9.66	9.50	7.21	7.17	
7	1.13	1.5	12.17	12.16	3.45	9.63	9.45	6.83	6.96	
8	1.06	1.5	12.14	12.14	3.57	9.65	9.50	7.09	6.96	
9	1.09	1.5	12.14	12.13	3.47	9.62	9.52	7.04	6.99	
10	1.09	1.5	12.17	12.18	3.58	9.64	9.59	7.02	7.11	
X										
R										
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	100 KHz	1V
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%							
	STORAGE TEMPERATURE RANGE				-40℃~+85℃					
	OPERATING TEMPERATURE RANGE				-25℃~+85℃					
REMARK:						APPROVED	CHECKED	DRAWN BY		
						<i>Simon</i>	辛海峰	童娟		

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