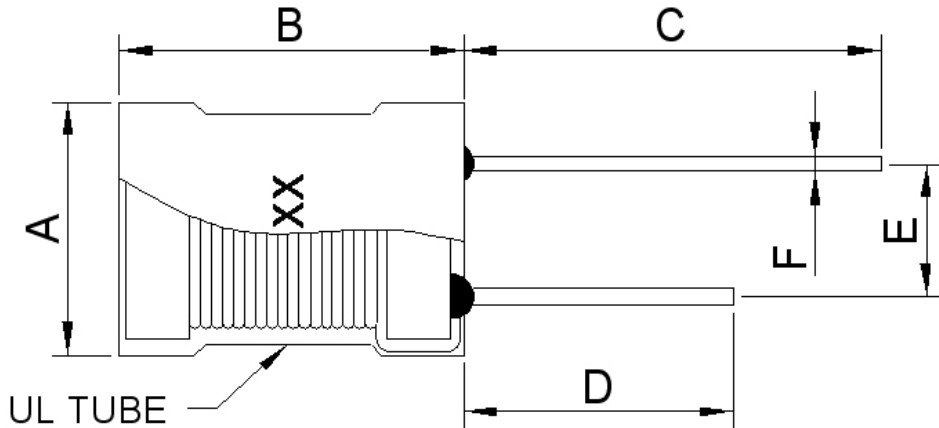
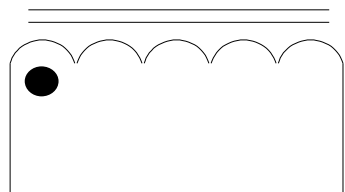


DRAWN BY	Jiusheng	CHECKED BY	Liukan	APPROVED BY	Tangshan	QRA BY	
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QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

SPECIFICATION FOR APPROVAL

CUSTOMER			ELTECH			CLS DWG. NO. CE1-440451		Rev A	
CUSTOMER'S PART NO.			DESCRIPTION SL0810T-222K-N			DATE 2014/4/17			
(1)MECHANICAL ASSEMBLY 						A	8.7±0.5	m/m	
						B	12.0±1.0	m/m	
						C	25.0±5.0	m/m	
						D	18.0±5.0	m/m	
						E	5.0±0.8	m/m	
						F	0.65Ref	m/m	
						Marking	222K		
(2)ELECTRICAL REQUIREMENTS						(3)SCHEMATIC			
L	2.2±10%	mH	TEST FREQUENCY	252KHZ	1V				
RDC	8.4max	Ω							
IDC	0.11Max	A	TEST FREQUENCY	252KHZ	1V				
Q	50.0 REF		TEST FREQUENCY	252KHZ	1V				
SRF	0.55min	MHZ							
RATED CURRENT									
(4)TEST INSTRUMENTS									
*16502 (RDC) *HP4284A+42841A (L,IDC) *HP4285A(Q,SRF) *Storage Temperature: Under 25℃ ,Humidity < 75% RH(6 Month) * Operating temperature -25℃ to +85℃									
NOTE: *Solder:Sn99.3Cu0.7 *EPOXY:FK661-9 *TUBE:9φ 黑色UL *IDC:L drop 10%max						APPROVED BY Tangshan			
						CHECKED BY Liukan			
						DRAWN BY Jiusheng			
			VERSION	No.1					



QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER						CLS DWG. NO.		Rev
ELTECH						CE1-440451		A
CUSTOMER'S PART NO.			DESCRIPTION			DATE		
			SL0810T-222K-N			2014/4/17		
						QTY	X	PCS.
MEAS.	L	RDC	IDC	Q	SRF			
ITEM	mH	Ω	A		MHZ			
SPEC	CUSTOMER							
	SUGGEST	2.2 $\pm$ 10%	8.4max	0.11Max	50.0 REF	0.55min		
TEST	252KHZ		252KHZ	252KHZ				
FREQ.	1V		1V	1V				
1	2.15	5.16	OK	48.89	0.78			
2	2.17	5.06	OK	48.92	0.72			
3	2.15	5.10	OK	48.90	0.85			
4	2.17	5.07	OK	48.95	0.79			
5	2.15	5.08	OK	50.21	0.82			
6	2.15	5.14	OK	50.25	0.80			
7	2.16	5.13	OK	49.95	0.80			
8	2.16	5.10	OK	50.12	0.75			
9	2.16	5.09	OK	49.98	0.81			
10	2.17	5.16	OK	50.10	0.80			
11								
12								
13								
14								
15								
$\bar{X}$	2.16	5.11		49.63	0.79			
R	0.02	0.10		1.36	0.13			
CUSTOMER								
SAMPLE								
TEST CONDITION:						APPROVED BY		
TEMP. 25 °C R.H. 65%						Tangshan		
						CHECKED BY		
						Liukan		
						DRAWN BY		
						Jiusheng		



QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER ELTECH							CLS DWG. NO. CE1-440451		Rev A
CUSTOMER'S PART NO.			DESCRIPTION SL0810T-222K-N				DATE 2014/4/17		
							QTY	X	PCS.
MEAS. ITEM		A m/m	B m/m	C m/m	D m/m	E m/m	F m/m		
SPEC	CUSTOMER								
	SUGGEST	8.7±0.5	12.0±1.0	25.0±5.0	18.0±5.0	5.0±0.8	0.65Ref		
TEST FREQ.									
1		8.76	12.01	23.12	15.90	5.20	0.64		
2		8.77	12.22	23.70	17.41	4.90	0.64		
3		8.70	11.90	23.36	16.92	4.80	0.65		
4		8.79	12.22	23.26	15.77	4.93	0.65		
5		8.73	12.12	23.38	16.97	4.95	0.65		
6		8.78	12.01	23.37	17.32	5.02	0.64		
7		8.75	12.13	23.65	16.58	5.12	0.64		
8		8.76	12.21	23.69	16.98	5.07	0.64		
9		8.78	12.21	23.19	16.77	5.01	0.64		
10		8.78	12.12	23.53	16.32	4.93	0.65		
11									
12									
13									
14									
15									
$\bar{X}$		8.76	12.12	23.43	16.69	4.99	0.64		
R		0.09	0.32	0.58	1.64	0.40	0.01		
CUSTOMER SAMPLE									
TEST CONDITION: TEMP. 25 °C R.H. 65%							APPROVED BY		
							Tangshan		
							CHECKED BY		
							Liukan		
							DRAWN BY		
							Jiusheng		



QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

Rev
B

5. MATERIAL LIST :

ITEM	PART	DESCRIPTION	TEMP	SUPPLIERS	UL NO.
1	WIRE	2SFBW	155°C	JUNG SHING OR EQUIV	E174837
2	CORE	FERRITE		CHENZHOUE OR EQUIV	
3	PIN	0.65φ CP線		MINGTONG OR EQUIV	
4	Solder	Sn99.3Cu0.7		QUANJIA OR EQUIV	
5	EPOXY	FK661-9		QIFU OR EQUIV	
6	TUBE	9φ 黑色UL		XINGQI OR EQUIV	

DRAWN BY	CHECKED BY	APPROVED BY	CUSTOMER :	ELTECH	DATE	2014/4/17
JIUSHENG	LIUKAN	TANGSHAN	RART NO	:	REV	
			ISSUE NO	: SL0810T-222K-N	RACE	



QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

1-1 Mechanical Performance

No	Item	Specification	Test Method
1-1-1	Vibration	Appearance: No damage Z change: within $\pm 20\%$ RDC: within specification	Test device shall be soldered on the substrate Oscillation Frequency: 10 to 55 to 10Hz for 1min Amplitude: 1.5mm Time: 2hrs for each axis (X, Y & Z), total 6hrs

1-2 Environmental Performance

No	Item	Specification	Test Method															
1-2-1	Temperature Cycle	Appearance: No damage Z change: within±20% RDC: within specification	One cycle:															
			<table><tr><td>Step</td><td>Temperature (°C)</td><td>Time (min)</td></tr><tr><td>1</td><td>-25±3</td><td>30</td></tr><tr><td>2</td><td>25±2</td><td>3</td></tr><tr><td>3</td><td>85±3</td><td>30</td></tr><tr><td>4</td><td>25±2</td><td>3</td></tr></table>	Step	Temperature (°C)	Time (min)	1	-25±3	30	2	25±2	3	3	85±3	30	4	25±2	3
			Step	Temperature (°C)	Time (min)													
			1	-25±3	30													
			2	25±2	3													
			3	85±3	30													
4	25±2	3																
Total: 100cycles																		
Measured after exposure in the room condition for 24hrs																		
1-2-2	Humidity Resistance		Temperature: 40±2℃ Relative Humidity: 90 ~ 95% Time: 1000hrs Measured after exposure in the room condition for 24hrs															
1-2-3	Heat Life		Temperature: 85±3℃ Relative Humidity: 0% Applied Current: Rated Current Time: 1000hrs Measured after exposure in the room condition for 24hrs															
1-2-4	Cold Resistance		Temperature: -25±3℃ Relative Humidity: 0% Time: 1000hrs Measured after exposure in the room condition for 24hrs															

WIRE



OBMW2
Magnet Wire - Component

September 8, 2000

JUNG SHING WIRE CO LTD
231 CHUNG CHENG RD, SEC 3 JEN-TEH HSIANG, TAINAN
HSIEN TAIWAN

E174837

Mtl Dsg	Mark Dsg	Coat Typ		ANSI Type	Temp Class
		BC	OC		
AIW	—	Polyamideimide	—	MW81-C	220
CFUEWB	—	Polyurethane	—	MW75C	130
EIAIW	—	Polyesterimide	Polyamideimide	MW35C	200
EILOCKY	—	Polyesterimide	Polyamide	—	180
EILOCKW	—	Polyesterimide	Modified Epoxy	—	200
EIW	—	Polyesterimide	—	—	220
EIW-2	—	Polyesterimide	—	MW74-C	200
FLIELOCKY	—	Modified Polyester	Polyamide	—	155
LSFFW	—	Polyurethane	—	MW79-C	155
LSUEW	—	Polyurethane	—	—	130
PEW	—	Polyester	—	—	155
PEY	—	Polyester	Nylon	MW24-C	155
SF.FLW	—	Modified Polyester	—	MW26C	155
SF.EIW	—	Polyesterimide	—	MW77C	180
SF.BY@	—	Modified Polyester	Nylon	MW27-C	155
SF.FLY@	—	Modified Polyester	Nylon	MW27-C	155
SF.BLOCKBS	—	Modified Polyester	Modified Polyamide	—	155
SF.EILOCKY#	—	Polyesterimide	Polyamide	—	180
SF.EILOCKBS	—	Polyesterimide	Modified Polyamide	—	180
SF.BW@	—	Modified Polyester	—	MW26C	155
SFFW	—	Polyurethane	—	MW79	155

287806002

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dedicated to public safety and
committed to quality service

Mtl Dsg	Mark Dsg	Coat Typ		ANSI Type	Temp Class
		BC	OC		
SFFY	—	Polyurethane	Polyamide	MW80C	155
UEW-1	—	Polyurethane	—	MW2-C	105
UEW-2	—	Polyurethane	—	—	130
UEW-4	—	Polyurethane	—	MW75C	130
UEY	—	Polyurethane	Nylon	MW28-C	130
UEY-2	—	Polyurethane	Polyamide	MW28-C	130

②-May be suffixed by LZ; # - May be suffixed by LZ, EL or LZL.
LZ - Signifies magnet wires twisted together; EL - signifies base coated magnet wire laid parallel with top coat applied overall; LZL - signifies base coated magnet wire twisted together and covered with top coat overall.

Marking: Company name or trademarks or 榮星電線, material designation or marked designation on packaged or reel, and Recognized Component Mark.

See General Information Preceding These Recognitions
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

287806002

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OBMW2/E174837
September 8, 2000