

승 인	
정식승인	()
한도승인	()

SPECIFICATIONS

CUSTOMER	
ITEM	LINE FILTER
MODEL NAME	NS-1511
PART No	UU1014-15mH(H-TYPE)
DATE	2010-04-15

검 토	심 사	승 인
승인유효기간	승인일로부터	년

신청회사명	 남선전자주식회사	TEL	02-2689-9418
		FAX	02-2689-8628
주 소	Na-3506, Chungang Circulation Complex, 1258 Kurobon-dong, Kuro-Ku, Seoul, Korea, 152-721		

개 정 이 력

CUSTOMER				MODEL NO			
PART NO		UU1014-15mH(H-TYPE)		ITEM		LINE FILTER	
NO	DATA	Page	개 정 항 목	개 정 사 유		확인	
1	2008. 09. 17			초도발행			
2	2010. 04. 14	3	BOBBIN	B/B높이 수정			
3							
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NAMSUN ELECTRONICS CO., LTD.

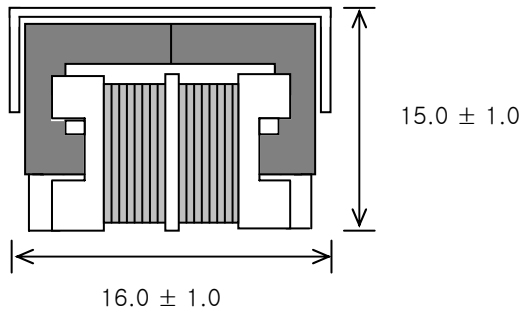
Na-3506, Chungang Circulation Complex, 1258
 Kurobon-dong, Kuro-Ku, Seoul, Korea, 152-721
 TEL:02-2689-9418 , FAX:02-2689-8628

DESIGN	CHECK	APPROVAL
FILE NO.	SH - 060403 - 10	

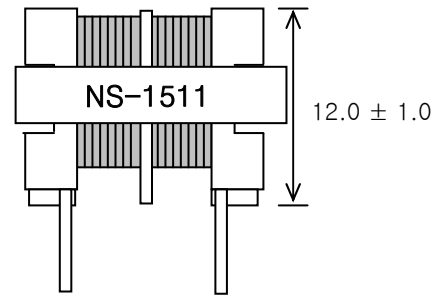
CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NS-1511
PART NO.	UU1014-15mH(H-TYPE)	SIZE NO.	UU1014-H

1. DEMENSION (UNIT : mm)

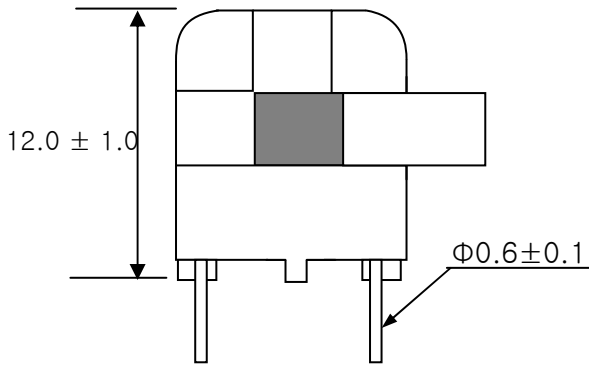
1) TOP VIEW



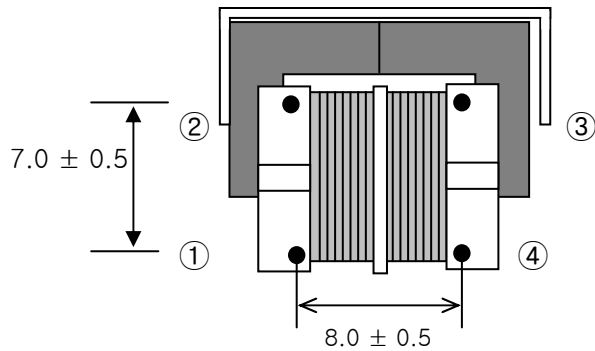
2) FRONT VIEW



3) SIDE VIEW



4) BOTTOM VIEW



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<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;"> 개발실 김영라 10.04.15 </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;"> 개발실 이상순 10.04.15 </div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;"> 개발실 노성복 10.04.15 </div>
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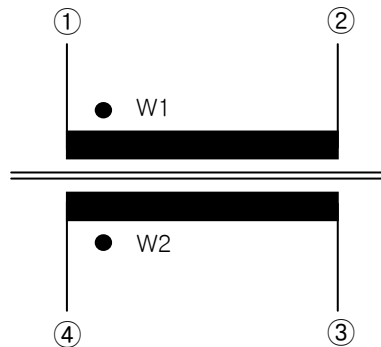
PART NO.

UU1014-15mH(H-TYPE)

SIZE NO.

UU1014-H

2. SCHEMATIC



3. WINDING - SPECIFICATION

NO	PIN NUMBER		WIRE	TURNS	INSULATION			
	START	FINAL			MATERIAL	P/S TAPE THICKNESS (UNIT : mm)	TAPE TURNS	COLOR
W1	1	2	UEW 0.2Φ	110T				
W2	4	3	UEW 0.2Φ	110T				

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4. ELECTRICAL CHARACTERISTICS

NO	ITEM	PIN NO	SPECIFICATION	REMARKS
1	INDUCTANCE	1 - 2	15 mH MIN.	at 1.0KHz 1.0V LEADER LCR-745 23°C ≤ ta ≤ 28°C
		4 - 3		
2	LEAKAGE	1 - 2		
3	DC RESISTANCE	1 - 2		YEW-2769
4	WITHSTANDING VOLATAGE	P - CORE	AC 1.5KV(RMS) 1MINUTE	PUNCTURE TESTER TOS-8850
		S - CORE	AC 1.5KV(RMS) 1MINUTE	
		P - S	AC 1.5KV(RMS) 1MINUTE	
		CUT OFF CURRENT 5mA		
5	INSULATION RESISTANCE	P - CORE	100MΩ 이상 (AT DC 500V)	MEGOHM METER B9600KC
		S - CORE		
		P - S		

5. ENVIRNMENTAL TEST

NO	TITLE	CONDITION	REMARK
1	HIGH TEMP	85°C ± 2°C 96HOURS	HAVE TO ME THE REQUEREMENT OF NO 4-4,4-5 AND MUST OPERATE POPERIY
2	LOW TEMP	-25 ± 2°C, 95 ± 3% RH 96Hrs	
3	HUMIDITY	40 ± 2°C, 95 ± 3% RH 96Hrs	
4	THERMAL SHOCK	-25 ± 2°C 30 MINUTES ROOM TEMP 10 MIMUTES 85°C ± 2°C 30 MINUTES ROOM TEMP 10 MIMUTES :5 CYCLE	
5	TEMP LIMIT	105°C	
6	AMBIENT TEMP	-25 ~ 85°C	



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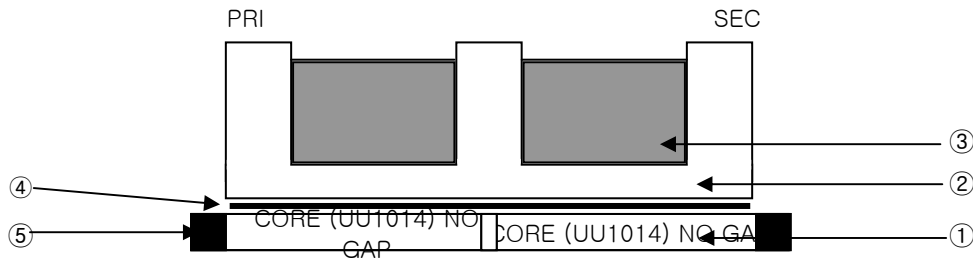
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SIZE NO.

UU1014-H

6. CONSTRUCTION



7. MATERIAL LIST

NO	COMPONENT	NAME OF MATERIAL	MANUFACTURER OF COMPONENT	REMARKS
1	CORE	UU 1014 (HM-3B) UU 1014 (GP-9)	ISU CO., LTD. SAM HWA ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOL 94V - 0 PF2736(A)(B) TYPE [UU1014(H) 4PIN]	BAKELITE GESELLSCHAFT MBH.	E 61040 (M)
	PIN	CP-WIRE (Sn 100%)	JINWON BOBBIN.	
3	SPRING HOLDER	STAINLESS STEEL SUS31	DAEHYUN INDUSTRIAL JINWON BOBBIN.	
4	WIRE	POLYURETHANE UEW (0.2Φ)	TAIHAN ELECTRIC WIRE CO.,LTD. DONG YANG ELECTRONICS IND CO., LTD.	E109312 (N) E102761
5	INSULATION TAPE	POLYESTER FILM TAPE T=0.025/4mm	DUCK SUNG TAPE CO., LTD. HYUNDAI CHEMICAL CO.,LTD.	E 105147 (S)
6	FLUX	LF - 715K	TAEWON CHEMICAL CO.,LTD.	
7	SOLDER	SN99.5%,CU0.5%	DONGBU NANNONG CHEMICAL CO.,LTD.	
8	VARNISH	SR - 337	SE GYE CHEMICAL CO.,LTD.	
9	MARKING INK	BON - MARQUE	T & K TOKA	
10	GAP	NO GAP		

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- UL CARD -

BAKELITE AG

E 61040 (M)

POSTFACH 7154 58609, ISERLOHN-LETMATH FED
REP GERMANY

Phenolic molding compound(PF), desingnated "Rutaform" or "furnished in the form of pellets or powder

PF2836@	BK	1.50	94V-0	150	150	150	0	2	~	5	~
● PF2736@	NC,GN	0.81	94V-0	150	150	150	0	2	~	5	~
	BK										
	ALL	0.81	94V-1	150	150	150	0	2	~	5	~
	ALL	1.50	94V-0	150	150	150	0	2	0	~	~
		3.00	94V-0	150	150	150	0	2	0	5	3
PF2560@	ALL	1.50	94V-1	150	150	150	~	~	~	~	~
	BK,NC	1.50	94V-0	150	150	150	~	~	~	~	~
	ALL	3.00	94V-0	150	150	150	~	~	~	~	~
PF31@	ALL	1.50	94V-1	150	150	150	1	1	~	6	~
		3.00	94V-0	150	150	150	0	1	~	~	~
PF2744@	ALL	1.50	94V-0	150	150	150	0	1	~	5	~
PF2855@	ALL	3.00	94V-0	150	150	150	0	3	~	5	~
PF6506@	ALL	1.50	94V-0	150	150	150	0	2	~	5	~

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TAIHAN ELECTRIC WIRE CO., LTD.

E 109312 (N)

194-15 1-KA HOEHYUN-DONG CHUNG-KU CPO
BOX 2624, SEOUL KOREA

Mtl Dsg	Coat type		ANSI Type	
Magnet wire.	BC	Overcoat	T1	
EI-AIW	Ester-imide imide	Polyamide-imide	MW35.73	200
AL EI-AIW	Ester-imide	Polyamide-imide	MW35	240
EIW	Ester-imide	-	MW30.72	180
EIW-N	Ester-imide	Polyamide	MW76	180
AIW	Polyamide-imide	-	-	220
PEW-N	Polyester	Polyamide	MW76	180
SEIW	Solderable Polyester-imide	-	MW77	180
● UEW	Polyurethane	-	MW75	130
UEW-N	Polyurethane	Polyamide	MW80	155

Reports : April 2, 1987; April 2, 1987; April 2, 1987; April 2, 1987: April 2, 1987; April 2, 1987; April 2, 1987; April 2, 1987; April 2, 1987; April 2, 1987.

CNI CABLE CO.,LTD

E 210918

312-16, DEUKSAN-DONG,
ASAN-SI, GYEONGGI-DO, 336-120, REPUBLIC OF KOREA

Mtl Dsg	Mark Dsg	Coat Type		ANSI Type	Temp Class
		BC	OC		
● DSUEW-100	(1)	Polyurethane	-	MW75C	130#
UEW	(1)	Polyurethane	None	MW79	155
				MW75	130#
PEW	(1)	Polyester	None	MW30	180
				MW5	155#

(1) Marked designations are the same as the material designations.

- This wire may perform better than its temperature rating reflects. Hence, It may not be suitable to use in an insulation system thermal aging program.



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OBMW2 May 2, 1997
Component -Magnet Wire

YOUNG WHA SA CO LTD

E141925 (S)

256-1 DODANG-DONG WONMI-KU BUCHON, KYONGGI-DO
421-130 KOREA

Mtl	Cost typ	ANSI	TI
Dsg	BC	Overcoat	Typ (+)
AEW-R	Modified Polyester	Polyamideimide	MW73-C 200
AI-EIW	Modified Polyester	Polyamideimide	MW35-C 200
UEW-F	Polyurethane	-	MW79-C 155
NPW	Polyester-nylon	Nylon	MW24-C 155
NUW	Polyurethane-nylon	Nylon	MW28-C 130
YHW-B	Polyurethane	-	MW75-C 130
● UEW-B	Polyurethane	-	MW75-C 130

Report: June 19, 1992; June 19, 1992; June 19, 1992, January 4, 1994; November 7, 1995; June 24, 1996; January 30, 1997.

Replaces E141925A dated March 4, 1997.

(Cont. on B card)

746041001 H0110 Underwriters Laboratories Inc.

D11/0213429

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