

승 인	
정식승인	()
한도승인	()

SPECIFICATIONS

CUSTOMER	
ITEM	LINE FILTER
MODEL NAME	NSV-803
PART No	UU1014-80mH-V
DATE	2008-06-02

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	NSV-803
PART NO		UU1014-80mH-V		ITEM	LINE FILTER
NO	DATA	Page	개 정 항 목	개 정 사 유	확인
1	2008-06-02			초도발행	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

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

개발실
김영라
08.06.02.

FILE NO.

CHECK

개발실
이상순
08.06.02.

APPROVAL

개발실
노성복
08.06.02.

SH - 060805 - 46

APPROVAL SHEET

DATE

2008. 6. 2.

PAGE

1 / 9

CUSTOMER

PART NAME

LINE FILTER

MODEL NO.

NSV-803

PART NO.

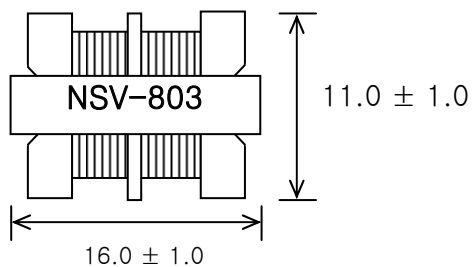
UU1014-80mH-V

SIZE NO.

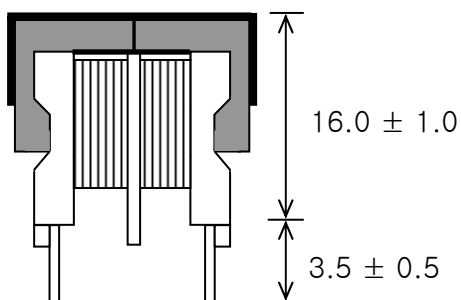
UU 1014 - V

1. DIMENSION (UNIT:mm)

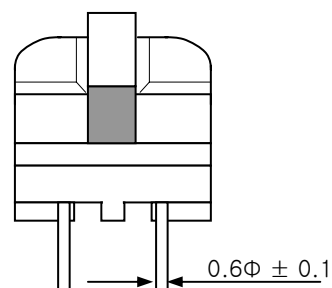
< TOP VIEW >



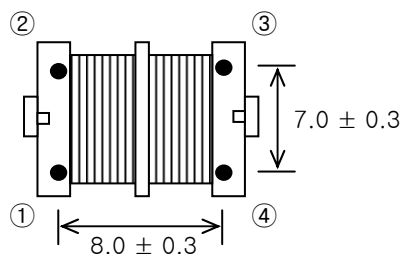
< FRONT VIEW >



< SIDE VIEW >



< BOTTOM VIEW >



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

개발실
김영라
08.06.02.

FILE NO.

CHECK

개발실
이상순
08.06.02.

SH - 060805 - 46

APPROVAL

개발실
노성복
08.06.02.

APPROVAL SHEET			DATE	2008. 6. 2.																
			PAGE	2 / 9																
CUSTOMER																				
PART NAME	LINE FILTER	MODEL NO.	NSV-803																	
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V																	
2. SCHEMATIC DIAGRAM																				
		WINDNG	BOTTOM VIEW	C.C.W																
		N.C PIN																		
		REMOVE PIN																		
3. WINDING SPECIFICATION <table border="1"> <thead> <tr> <th>WINDING ORDER</th> <th>COIL</th> <th>TERMINAL (S - F)</th> <th>WIRE</th> <th>TURNS (Ts)</th> <th>WINDING METHOD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>L1</td> <td>1 - 2</td> <td rowspan="2">2 UEW 0.15Φ</td> <td rowspan="2">220 Ts</td> <td>SOLENOID WINDING</td> </tr> <tr> <td>2</td> <td>L2</td> <td>4 - 3</td> <td>SOLENOID WINDING</td> </tr> </tbody> </table>					WINDING ORDER	COIL	TERMINAL (S - F)	WIRE	TURNS (Ts)	WINDING METHOD	1	L1	1 - 2	2 UEW 0.15Φ	220 Ts	SOLENOID WINDING	2	L2	4 - 3	SOLENOID WINDING
WINDING ORDER	COIL	TERMINAL (S - F)	WIRE	TURNS (Ts)	WINDING METHOD															
1	L1	1 - 2	2 UEW 0.15Φ	220 Ts	SOLENOID WINDING															
2	L2	4 - 3			SOLENOID WINDING															
4. INSULATION <table border="1"> <thead> <tr> <th>NO</th> <th>COIL</th> <th>THICK (mm) X WIDTH (mm)</th> <th>TURNS (Ts)</th> <th>MANUFACTURE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>L1</td> <td rowspan="3"></td> <td></td> <td rowspan="3">POLYESTER FILM TAPE (Cat No. DTS-204)</td> </tr> <tr> <td>2</td> <td>L2</td> <td></td> </tr> <tr> <td colspan="2">CORE FIXING TAPE</td> <td></td> </tr> </tbody> </table>					NO	COIL	THICK (mm) X WIDTH (mm)	TURNS (Ts)	MANUFACTURE	1	L1			POLYESTER FILM TAPE (Cat No. DTS-204)	2	L2		CORE FIXING TAPE		
NO	COIL	THICK (mm) X WIDTH (mm)	TURNS (Ts)	MANUFACTURE																
1	L1			POLYESTER FILM TAPE (Cat No. DTS-204)																
2	L2																			
CORE FIXING TAPE																				
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															
			개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.															
			FILE NO.	SH - 060805 - 46																

APPROVAL SHEET		DATE	2008. 6. 2.
		PAGE	3 / 9
CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NSV-803
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V

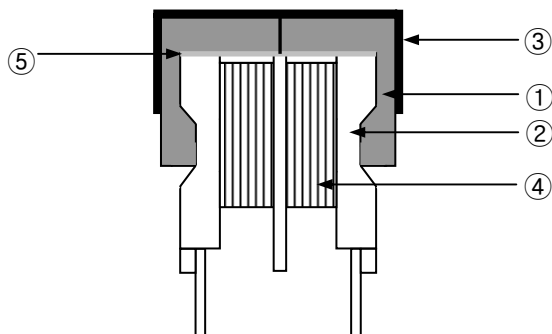
5. ELECTRICAL CHARACTERISTICS

NO	ITEM	TEMINAL	SPECIFICATION	REMARKS
5-1	INDUCTANCE	L1 (1 - 2)	80 mH MIN	LEADER 745 LCR - METER at 1.0 KHz. 1.0V (25 ℃)
		L2 (4 - 3)		
5-2	DIFFERENCE INDUCTANCE	L1 - L2	0.3 mH MAX	
5-3	DC RESISTANCE	L1 (1 - 2)	ohm MAX	WHEATSTONE BRIDGE (Y.E.W 2755)
		L2 (4 - 3)		
5-4	DIELECTRIC STRENGTH	L1 COIL - L2 COIL	AC 2.0 KV r.m.s (1 MINUTE)	CUT OFF CURRENT : 5 mA TOS - 8850
		L1 COIL - L2 COIL	AC 2.0 KV r.m.s (1 MINUTE)	
5-5	INSULATION RESISTANCE	COIL - COIL	100 M ohm MIN at DC 500V	TOS - 8850

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
	개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.
	FILE NO.	SH - 060805 - 46	

APPROVAL SHEET		DATE	2008. 6. 2.
		PAGE	4 / 9
CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NSV-803
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V

6. SECTION DIAGRAM



7. MATERIAL LIST

NO	COMPONENT	NAME OF MATERIAL	MANUFACTURER OF MATERIAL	REMARKS
1	CORE	GP-5/9 (UU 1014) HM-3 (UU 1014) R10K (UU 1014)	SAMWHA ELECTRONICS CO.,LTD. ISU CO.,LTD. DMEGC MAGNETICS CO.,LTD	
2	BASE	PHENOL RESIN (PF2736) 94V-0	BAKELITE GESELLSCHAFT MBH	E61040(M)
3	SPRING HOLDER	STAINLESS STEEL SUS 31		
4	WIRE	POLYURETHANE UEW 0.15Φ	TAIHAN ELECTRIC WIRE CO., LTD. CNI CABLE CO.,LTD.	E109312(N) E210918
5	INSULATION TAPE	POLYESTER TAPE 0.025t x 4.5mm (Y)	HYUNDAI CHEMICAL CO.,LTD. DUCKSUNG TAPE CO.,LTD.	E162848(S) E105147(S)
6	VARNISH	DVA-1411	DAIHAN PAINT & INK CO.,LTD.	E93947(S)
7	SOLDER	SN98%,CU2%	ALPHA SOLDER CO.	

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 - 060805 - 46	

APPROVAL SHEET						DATE		2008. 6. 2.																																																																																																																																																																									
						PAGE		5 / 9																																																																																																																																																																									
CUSTOMER																																																																																																																																																																																	
PART NAME		LINE FILTER				MODEL NO.		NSV-803																																																																																																																																																																									
PART NO.		UU1014-80mH-V				SIZE NO.		UU 1014 - V																																																																																																																																																																									
8. UL CADE 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 <table border="0"> <tr> <td>PF2836@</td> <td>BK</td> <td>1.50</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>~</td> <td>5</td> <td>~</td> </tr> <tr> <td>PF2736@</td> <td>NC,GN</td> <td>0.81</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>~</td> <td>5</td> <td>~</td> </tr> <tr> <td></td> <td>BK</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>ALL</td> <td>0.81</td> <td>94V-1</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>~</td> <td>5</td> <td>~</td> </tr> <tr> <td></td> <td>ALL</td> <td>1.50</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>0</td> <td>~</td> <td>~</td> </tr> <tr> <td></td> <td></td> <td>3.00</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>0</td> <td>5</td> <td></td> </tr> <tr> <td>PF2560@</td> <td>ALL</td> <td>1.50</td> <td>94V-1</td> <td>150</td> <td>150</td> <td>150</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> </tr> <tr> <td></td> <td>BK,NC</td> <td>1.50</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> </tr> <tr> <td></td> <td>ALL</td> <td>3.00</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> <td>~</td> </tr> <tr> <td>PF31@</td> <td>ALL</td> <td>1.50</td> <td>94V-1</td> <td>150</td> <td>150</td> <td>150</td> <td>1</td> <td>1</td> <td>~</td> <td>6</td> <td>~</td> </tr> <tr> <td></td> <td></td> <td>3.00</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>1</td> <td>~</td> <td>~</td> <td>~</td> </tr> <tr> <td>PF2744@</td> <td>ALL</td> <td>1.50</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>1</td> <td>~</td> <td>5</td> <td>~</td> </tr> <tr> <td>PF2855@</td> <td>ALL</td> <td>3.00</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>3</td> <td>~</td> <td>5</td> <td>~</td> </tr> <tr> <td>PF6506@</td> <td>ALL</td> <td>1.50</td> <td>94V-0</td> <td>150</td> <td>150</td> <td>150</td> <td>0</td> <td>2</td> <td>~</td> <td>5</td> <td>~</td> </tr> </table>										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		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	~
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																																																																																																																																																																							
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	~																																																																																																																																																																						
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																																																																																																																																																																							
						개발실 김영라 08.06.02.		개발실 이상순 08.06.02.		개발실 노성복 08.06.02.																																																																																																																																																																							
						FILE NO.		SH - 060805 - 46																																																																																																																																																																									

APPROVAL SHEET	DATE	2008. 6. 2.
	PAGE	6 / 9

CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NSV-803
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V

TAIHAN ELECTRIC WIRE CO., LTD.
E 109312 (N)

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

Mtl	Coat type		ANSI	
Dsg	BC	Overcoat	Type	T1
Magnet wire.				
EI-AIW	Ester-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	-	MW77	180
	Polyester-imide			
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.				

CNI CABLE CO.,LTD
E210918

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 sultable to use in an insulation system thermal aging program.

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
	개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.
	FILE NO.	SH - 060805 - 46	

APPROVAL SHEET		DATE	2008. 6. 2.	
		PAGE	7 / 9	
CUSTOMER				
PART NAME	LINE FILTER	MODEL NO.	NSV-803	
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V	
HYUN DAI CHEMICAL CO., LTD E 162848 (S) 258 YEULMI-RI SILCHON-MYON KWANGJU KYONGGI-DO 464-870 KOREA Polyester tape with aprille adhedeive, cat. no. 800 for use at temperature not mxddading 190 c. Marking company name. catalog daeignation and temperature rating ptinted on darion .wrapper or core. See Genaral informtion precading three recognitiona For use only equipment where the adceptabination la datermined by undarwril. ars Laboratorles inc. Report October 20. 1994. 1.06E+08 underwriters Laboratoles inc. Dil/0264017 and Recognized Component Mark.				
DUCK SUNG TAPE CO LTD E 105147 (S) DAESUNG BLDG 677 JAYANG-DONG SUNGDONG-KU, SEOUL 133-190 KOREA Polyester film insulating tape,cat.no. DTS-204 rated 130 C. Acetate cloth insulating tape,cat.no. 231 rated 105 C. Glass cloth insulating tape,cat.no. 220-B rated 130 C. Acetate cloth insulating tape,cat.no. DTS-230 rated 105 C. Marking:Company name or trademark or "E105147" and catalog designation printed on carton, wrapper or core.				
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
		개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.
		FILE NO.	SH - 060805 - 46	

DATE	2008. 6. 2.
PAGE	8 / 9

CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NSV-803
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V

– VARNISH –

OBOR2

Component – Varnishes

October 8, 1990

DAIHAN PAINT & INK CO LTD.

E 93947 (S)
(B-cont. from a card)

DVA-1411	Helical Coil	Polyester	Polyamide	MW24	180
	Twisted Pair	Polyester	Polyamide	MW24	155
DVA-1422	Helical Coil	Polyester	Polyamide	MW24	155
	Twisted Pair	Polyester	Polyamide	MW24	155
DVB-2148L	Twisted Pair	Polyester		MW5	155
	Helical Coil	Polyester		MW5	155
	Twisted Pair	Polyester	Polyamide	MW24	155
	Helical Coil	Polyester	Polyamide	MW24	155

arking : Company name and varnish designation on shipping container
Report L : September 10, 1986.

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
개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.
FILE NO.	SH - 060805 - 46	

APPROVAL SHEET	DATE	2008. 6. 2.
	PAGE	9 / 9

CUSTOMER			
PART NAME	LINE FILTER	MODEL NO.	NSV-803
PART NO.	UU1014-80mH-V	SIZE NO.	UU 1014 - V

ITEM NO	WIRE (130℃)	P.S TAPE (130℃)		
1	OK	OK		
2	"	"		
3	"	"		
4	"	"		
5	"	"		
6	"	"		
7	"	"		
8	"	"		
9	"	"		
10	"	"		

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
	개발실 김영라 08.06.02.	개발실 이상순 08.06.02.	개발실 노성복 08.06.02.
	FILE NO.	SH - 060805 - 46	