

SPECIFICATIONS

CUSTOMER	
DESCRIPTION	TOROIDAL COIL
MODEL	220uH(UEW0.5Φ*79T)
TYPE	C13-A5(H-TYPE)

DESIGN	CHECK	APPROVAL
K.H.KIM	Y.R.JEON	S.S.LEE
2023.07.13.	2023.07.13.	2023.07.13.
A TERM OF VALIDITY		YEAR

REQUEST CUSTOMER	 NAMSUN ELECTRONICS CO., LTD
ADDRESS	Na-3506, CHUNG ANG CIRCULATION COMPLEX 15 GYUNGINRO 53-GIL GURO-GU, SEOUL 08217, KOREA
TEL	02-2689-9418
E-MAIL	coil@nsn.co.kr
HOMEPAGE	http://www.nsn.co.kr

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**MODEL****C13-220uH-H-TYPE**

Revision 0

REVISION RECORD

Rev. No.	DATE OF APPROVAL	Rev Page	CONTENTS	REASON	CHECKED
0	2023.07.13		First Submit		Y.R.JEON
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MODEL

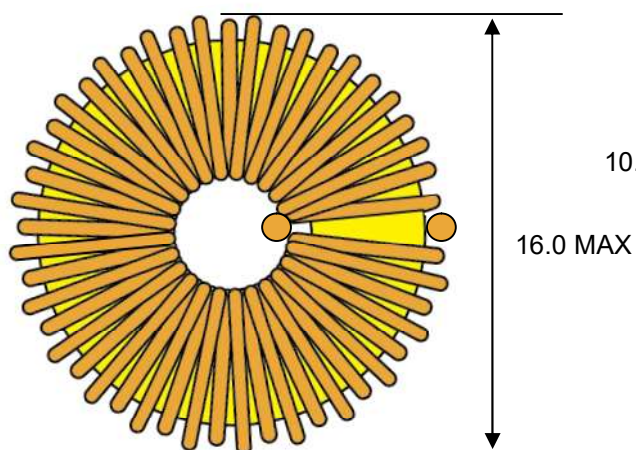
C13-220uH-H-TYPE

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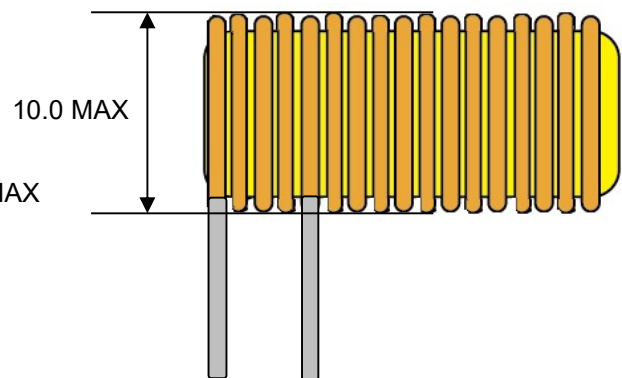
1. APPEARANCE & DIMENSION

리드길이 일반길이

< TOP VIEW >



< SIDE VIEW >

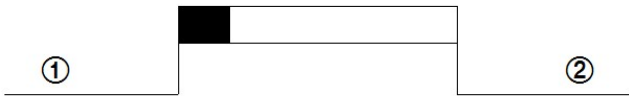


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2. ELECTRICAL CHARACTERISTIC

No.	CLOSURE	TERMINAL No.	ELECTRICAL CHARACTERISTICS	TOLERANCE	CONDITION
1	INDUCTANCE	S - F	220 uH	± 20%	LCR METER UC2878 1KHZ, 1V

3. SCHEMATIC DIAGRAM

			
	WINDING		
	REMOVE PIN		
	CUT PIN		
	N.C PIN		

4. WINDING SPECIFICATION

NO	TERMINAL		WIRE	TURNS	WINDING METHOD
	S	F			
W1	1	2	UEW0.5Ø * 1P	79 ± 3 Ts	HANDMADE (일반권선,D 권선)

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5. MATERIAL LIST

NO	COMPONENT	NAME OF MATERIAL	MANUFACTURER OF MATERIAL	UL No.
1	CORE	IRON POWER C12-A4 (T50-26)	CORE ELECTRONICS CO.,LTD HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD FINEMAG ELECTRONICS LTD. ZheJiang NBTM KeDa Magnetolectricity Co., Ltd.	
2	WIRE	POLYURETHANE UEW 0.5 Ø	YANTAI ROME ELECTRONIC CO.,LTD. CNI Electronics Co Ltd. ZHEJIANG HONGBO TECHNOLOGY CO.,LTD. GUANGDONG JINYAN ELECTROTECHNICS JOINT STOCK CO LTD	E166187 E210918 E221719 E238500
3	FLUX	LF-715K EF-9301	DUIYUAN TECH(HUIZHOU) CO., LTD. ALPHA METALS CO.,LTD.	
	SOLDER	SN99.5% , CU0.5% SN99.3% , CU0.7%	LT MATERIAL CO.,LTD. ALPHA OMEGA METAL	



MODEL

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6. UL LIST

★ YELLOW CARD ★

YANTAI ROME ELECTRONIC CO LTD **E166187**
DAXINDIAN TOWN, PENG LAI SHANDONG 265612 CN

Mark Designation	ANSI Type	Temp (° C)	Base Coat	Top Coat	Bond Coat
PIMW75, XLEW/130, QA-x/130	MW 75C	130	Polyurethane	—	—
PIMW79C, XLEW/155, QA-x/155	MW 79C	155	Polyurethane	—	—

@ - May be replaced by LITZ, USTC or UOTC. Where LITZ-signifies magnet wires twisted together; USTC-include single layer polyester filament yarn covering or Nylon covering; UOTC-include double layer polyester filament yarn covering or Nylon covering
 X - Where x may be replaced by 0, 1, 2 or 3 denoting the coating thickness.

CNI Electronics Co Ltd **E210918**
201 Munhakgongdan-gil Munhak-eup, Wonju-si Gangwon-do 26362 KR

Mark Designation	ANSI Type	Temp (° C)	Basecoat	Topcoat	Bondcoat
UEW	MW 75C	130[#]	Polyurethane	—	—
	MW 79C	155	Polyurethane	—	—

[#] -The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

ZHEJIANG HONGBO TECHNOLOGY CO LTD **E221719**
Wan lan Wan Industry Zone, Lianshi Town, HUZHOU, ZHEJIANG 313013 CHINA

Mark Designation	ANSI Type	Temp (° C)	Base Coat	Top Coat	Bond Coat
XLEW/130, QA-x/130, XLEW/130, Q#-x/130	MW 75-C	130[#]	Polyurethane	—	—
XLEW/155, QA-x/155, XLEW/155, Q#-x/155	MW 79-C	155[#]	Polyurethane	—	—

[#] - The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

@ - May be prefixed by LZ signifies magnet wires twisted together.

x - Where x may be replaced by 0, 1, 2 or 3 denoting the coating thickness.

GUANGDONG JINYAN ELECTROTECHNICS JOINT STOCK CO LTD **E238500**
HESHUI INDUSTRIAL DISTRICT XINGNING, GUANGDONG 514546 CHINA

Mark Designation	Base Coat	Top Coat	ANSI Type	Temp Class
XLEW, QA-x/130	Polyurethane	—	MW 75-C	130[#]
XLEW, QA-x/155	Polyurethane	—	MW 79-C	155[#]

[#] - The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

x - May be one-digit number to denote film thickness.

Marking: Company name, material designation or marked designation and the Recognized Component Mark,  on the shipping spool label or smallest unit container in which the product is packaged.

WIRE
(UEW)