

SPECIFICATION FOR APPROVAL

REF :20080407-B

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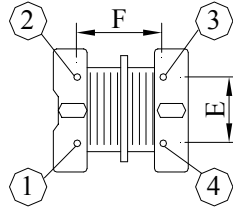
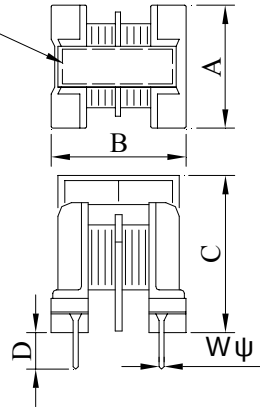
PROD.	LINE FILTER	ABC'S DWG NO.	UF10□□□□□□L□-□□□
NAME		ABC'S ITEM NO.	

CONFIGURATION & DIMENSIONS :

●UF10V2 Series

Marking:

ABC 103Y
Inductance.
code
Manufacture.

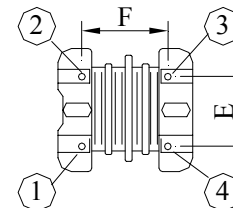
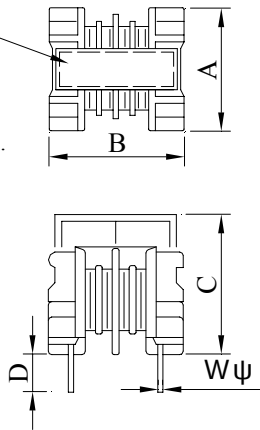


A	: 17.0 max.	m/m
B	: 19.0 max.	m/m
C	: 22.5 max.	m/m
D	: 4.5±1	m/m
E	: 10.0±0.5	m/m
F	: 13.0±0.5	m/m
Wψ	: 0.7	m/m

●UF10V4 Series

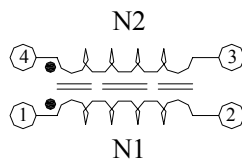
Marking:

ABC 802Y
Inductance.
code
Manufacture.



A	: 17.0 max.	m/m
B	: 19.0 max.	m/m
C	: 20.5 max.	m/m
D	: 4.5±1	m/m
E	: 10.0±0.5	m/m
F	: 13.0±0.5	m/m
Wψ	: 0.7	m/m

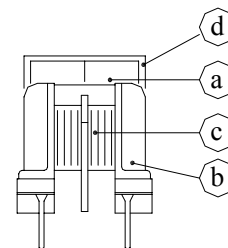
SCHEMATIC DIAGRAM :



"●" : Polarity

MATERIALS :

- a . Core : Ferrite UU core
- b . Bobbin : Phenolic
- c . Wire : Enamelled copper wire (Class F)
- d . Clip : High carbon steel
- e . Coating : Varnish
- f . Adhesive : Epoxy resin
- g . Remark : Products comply with RoHS' requirements



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ABC 千如電子集團
ABC ELECTRONICS GROUP.

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PROD. NAME	LINE FILTER	ABC'S DWG NO.	UF10□□□□□□L□-□□□
		ABC'S ITEM NO.	

GENERAL SPECIFICATION :

- Temp. rise : 40 max. at rated current
- Storage temp. : -40 ---- +105
- Operating temp. : -25 ---- +85
- Pin strength : 1.0KG min.

ELECTRICAL CHARACTERISTICS :

DWG No.	L (mH)	RDC (Ω)	Rated Current (Aac)
	min.	max.	
UF10V2103YL□-□□□	10.0	2.5	0.4
UF10V2802YL□-□□□	8.0	1.7	0.5
UF10V2502YL□-□□□	5.0	1.0	0.7
UF10V2302YL□-□□□	3.0	0.5	0.8
UF10V2202YL□-□□□	2.0	0.4	1.0
UF10V2102YL□-□□□	1.0	0.2	1.6

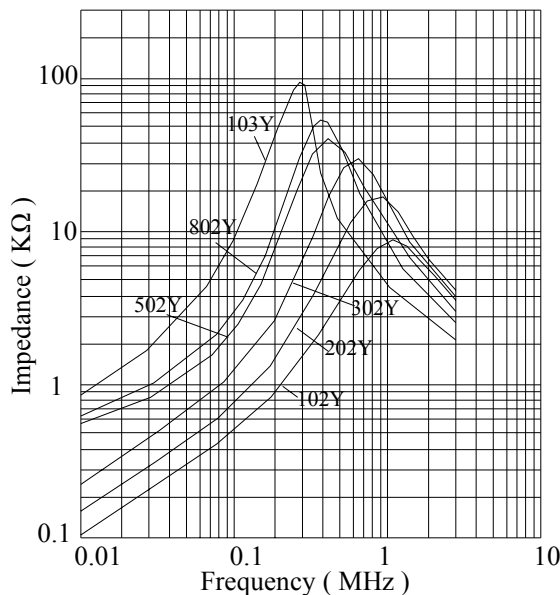
- 1) .□ : Packaging information... [A]: Bulk
- 2) ."- □□□":Reference code

DWG No.	L (mH)	RDC (Ω)	Rated Current (Aac)
	min.	max.	
UF10V4802YL□-□□□	8.0	2.4	0.4
UF10V4502YL□-□□□	5.0	1.5	0.5
UF10V4402YL□-□□□	4.0	1.0	0.7
UF10V4252YL□-□□□	2.5	0.5	0.8
UF10V4162YL□-□□□	1.6	0.4	1.0
UF10V4801YL□-□□□	0.8	0.2	1.6

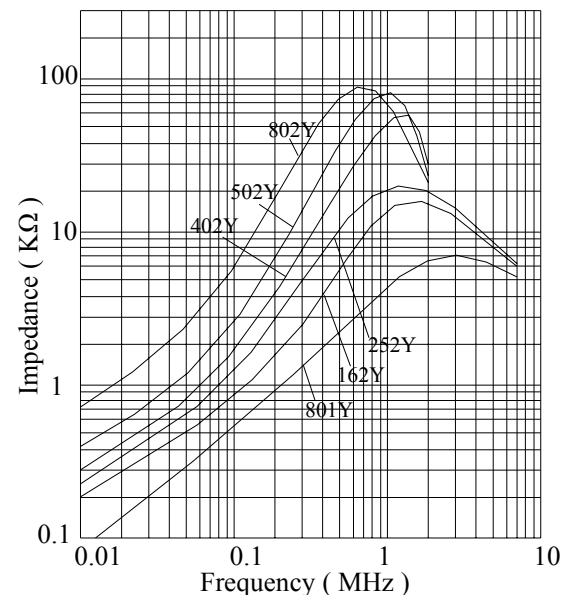
- 1) .□ : Packaging information... [A]: Bulk
- 2) ."- □□□":Reference code

IMPEDANCE VS FREQUENCY CURVE :

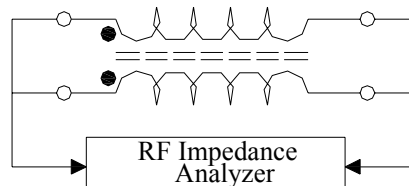
●UF10V2 Series



●UF10V4 Series



IMPEDANCE MEASURING CIRCUIT :



AR-001A

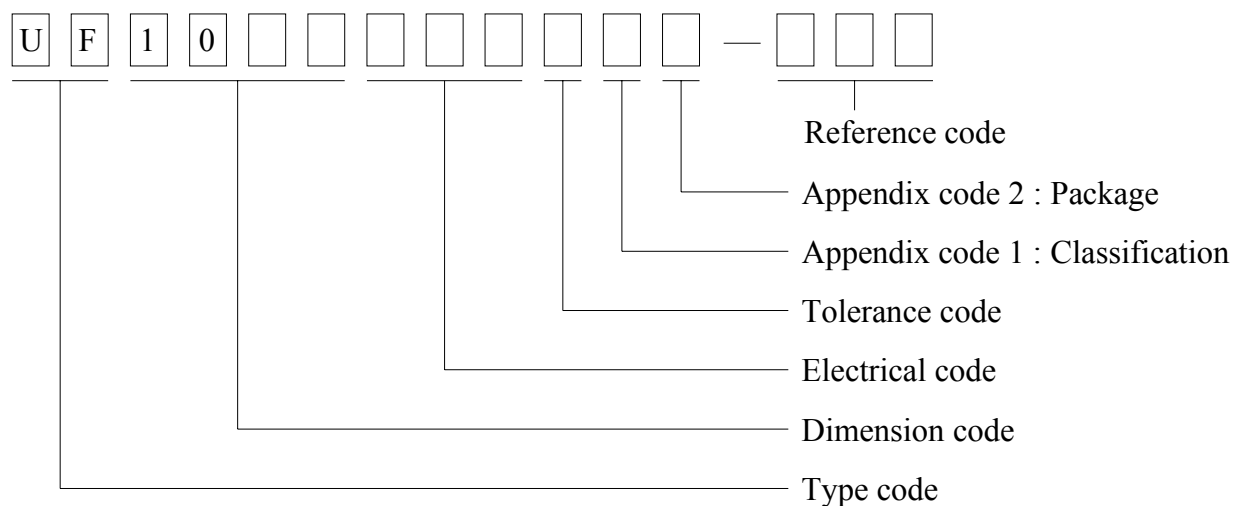
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PROD. NAME	LINE FILTER	ABC'S DWG NO.	UF10□□□□□□L□-□□□
		ABC'S ITEM NO.	

. DWGING NUMBER EXPRESSION :



Appendix code 1 : Product Classification

L : Lead Free Standard products comply with RoHS' requirements

1 ~ 9 : Lead Free Special products comply with RoHS' requirements

Appendix code 2 : Package Information

Code	Inner package	Inner package Q'TY	Remark
A	Tray	54 pcs	

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PROD.	LINE FILTER	ABC'S DWG NO.	UF10□□□□□□L□-□□□
NAME		ABC'S ITEM NO.	

. UL CARD :

OBMW2
Magnet Wire-Component
JUNG SHING WIRE CO LTD
231 CHUNG CHENG RD, SEC 3 JEN-TEH HSIANG, TAINAN
HSIEN TAIWAN
September 8, 2000
E174837

Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
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
FL.EILOCKY	—	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	Polyamide	—	MW26C	155
SFFW	—	Polyurethane	—	—	MW79	155

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dedicated to public safety and
committed to quality service

Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
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

@-May be suffixed by LZ; # - May be suffixed by LZ, EL or LZL.
LZ - Signifies magnd 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 packaed 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.

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OBMW2E174837
September 8 , 2000

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		ABC'S ITEM NO.	

QMFZ2
Component - Plastics
CHANG CHUN PLASTICS CO LTD

March 4, 1994

E59481(S)
(C--cont. From B card)

T355J	BK	0.62	94V-0	150	150	150	1	0	2	6	3
		0.80	94V-0	150	150	150	1	0	2	6	3
		1.00	94V-0	150	150	150	1	0	2	6	3
T359J	BK,BN	0.79	94HB	150	150	150	1	0	4	7	4
	NC	1.57	94HB	150	150	150	1	0	4	7	4
	(a)	3.17	94HB	150	150	150	0	0	4	7	4
T373J	BK,BN	1.00	94V-1	150	150	150	2	0	3	6	4
		1.00	94V-0	150	150	150	2	0	3	6	4
		2.00	94V-0	150	150	150	1	0	3	6	4
T375J	BK,BN	0.79	94V-0	150	150	150	1	0	4	5	4
		1.58	94V-0	150	150	150	0	0	4	5	4
		3.17	94V-0	150	150	150	0	0	4	5	4
T377J	BK	0.79	94HB	150	150	150	2	0	4	7	4
		1.58	94HB	150	150	150	1	0	4	7	4
		3.17	94HB	150	150	150	0	0	4	7	4

Report:January 6, 1976.

Replaces E59481C dated February 7, 1989.
262854001 N7047 Underwriters Laboratories Inc.®

(Cont. on C1F card)
D11/0018965

OBOR2
Component-Varnishes
JOHN C DOLPH CO
320 NEW RD PO BOX 267 , MONMOUTH
JUNCTION NJ 08852

January 12, 1996

E51047 (M)
(A card)

Varnish	ANSI Magnet		Varnish Thermal Class C	
Dag	Wire Type	Tp	HC	CE
AC-43	MW28	130	130	—
	MW24	155	155	—
EB-43-FB				
	MW35	155	180	—
AC-43-66	MW28	130	130	—
	MW35	155	180	—
	MW24	155	155	—
BB-353	MW35	200	180	—
BC-326	MW36	200	200	—

Report: June 20, 1980.

Replaces E51047A dated September 18, 1994.
452548001 H0767 Underwriters Laboratories Inc.®

(Cont. on A005 card)
D11/0025721
34

AR-001A