

SPECIFICATION FOR APPROVAL

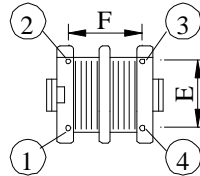
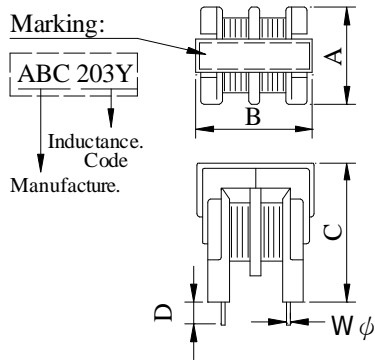
REF :20080407-B

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PROD. NAME	LINE FILTER	ABC'S DWG NO. ABC'S ITEM NO.	UF15□□□□□□L□-□□□
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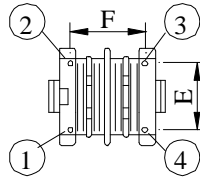
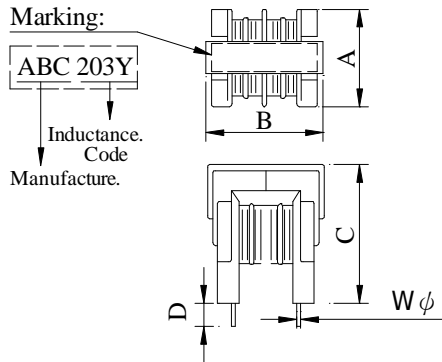
I . CONFIGURATION & DIMENSIONS :

●UF15V2 Series



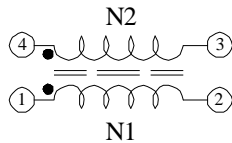
A	: 19.0 max.	m/m
B	: 23.0 max.	m/m
C	: 27.5 max.	m/m
D	: 4.5±1	m/m
E	: 10.0±0.5	m/m
F	: 13.0±0.5	m/m
Wφ	: 0.7	m/m

●UF15V4 Series



A	: 19.0 max.	m/m
B	: 23.0 max.	m/m
C	: 27.5 max.	m/m
D	: 4.5±1	m/m
E	: 10.0±0.5	m/m
F	: 13.0±0.5	m/m
Wφ	: 0.7	m/m

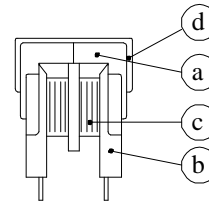
II . SCHEMATIC DIAGRAM :



"●" : Polarity

III . MATERIALS :

- a . Core : Ferrite UU core
- b . Bobbin : Phenolic or PBT.
- 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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NAME		ABC'S ITEM NO.	

IV . GENERAL SPECIFICATION :

- a . Temp. rise : 40°C max. at rated current
- b . Storage temp. : -40°C ---- +105°C
- c . Operating temp. : -25°C ---- +85°C
- d . Pin strength : 1.0KG min.

V . ELECTRICAL CHARACTERISTICS :

DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF15V2203YL□-□□□	20.0	2.00	0.5
UF15V2103YL□-□□□	10.0	1.00	0.7
UF15V2602YL□-□□□	6.0	0.50	0.8
UF15V2402YL□-□□□	4.0	0.30	1.2
UF15V2252YL□-□□□	2.5	0.20	1.6
UF15V2152YL□-□□□	1.5	0.15	1.8

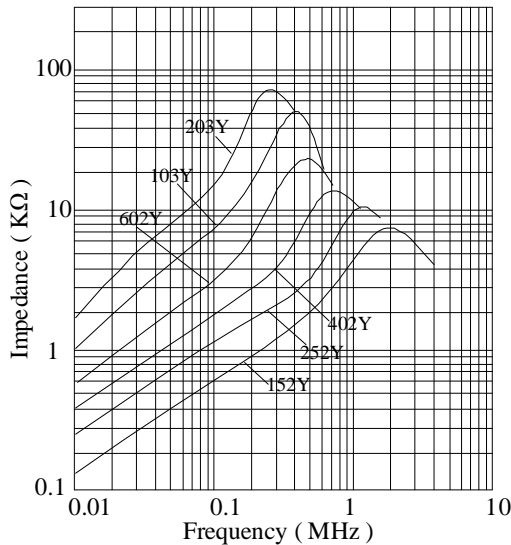
DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF15V4203YL□-□□□	20.0	2.00	0.5
UF15V4103YL□-□□□	10.0	1.00	0.7
UF15V4602YL□-□□□	6.0	0.50	0.8
UF15V4402YL□-□□□	4.0	0.30	1.2
UF15V4252YL□-□□□	2.5	0.20	1.6
UF15V4152YL□-□□□	1.5	0.15	1.8

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

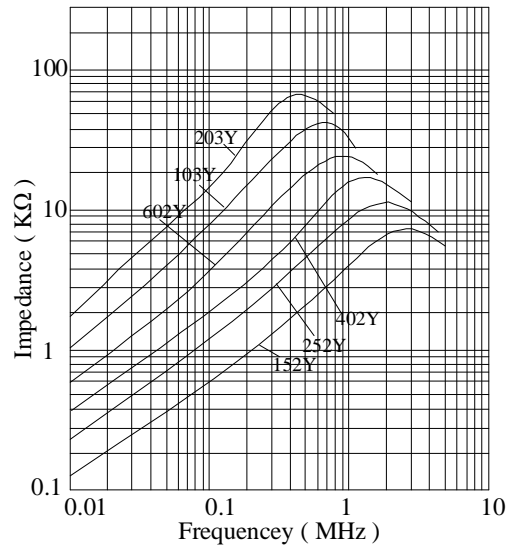
- 1). □ : Packaging information... [A]: Bulk
- 2). "- □□□":Reference code

VI . IMPEDANCE VS FREQUENCY CURVE :

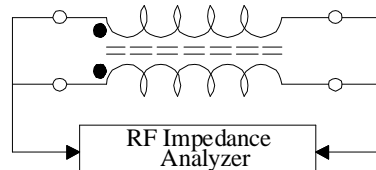
●UF15V2 Series



●UF15V4 Series



●IMPEDANCE MEASURING CIRCUIT :



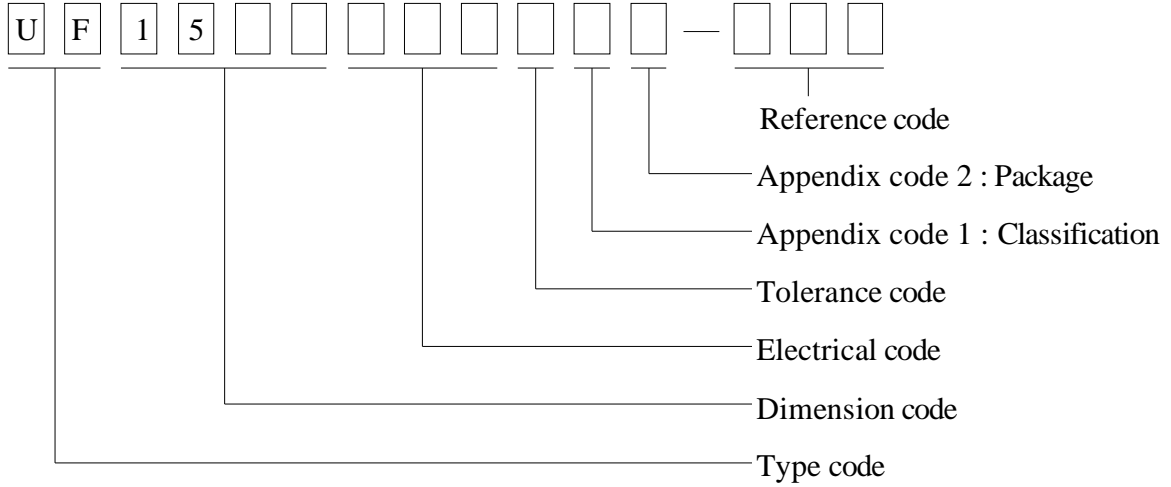
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		ABC'S ITEM NO.	

VII . 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 QTY	Remark
A	Tray	30 pcs	

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		ABC'S ITEM NO.	

VIII . UL CARD :

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

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	---	---	MW26C	155
SFFW	---	Polyurethane	---	---	MW79	155

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A not-for-profit organization 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 magened wires twisted together; EL - signifies base coated magnet wire laid parallel with top coat applied overall; LZL - signi-fies base coated magnet wire twisted together and covered with top coat overall.

Marking: Company name or trademarks JSW 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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OBMW2/E174837
September 8, 2000

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QMI72		Msw - 1, 961									
Component - Plastics		F59481(S)									
CHIANG CHUN PLASTICS CO LTD		(C-Cont. From B card)									
73573	BE	0.42	6450	130	150	130	1	0	2	4	3
		0.20	6450	150	150	150	1	0	2	4	3
		1.00	6450	130	150	130	1	0	2	4	3
73571	BS, BN	0.29	6410	130	130	130	1	0	4	3	4
	NC	1.57	6410	150	150	150	1	0	4	3	4
	CC	3.17	6410	150	150	150	0	0	4	3	4
73731	BS, BN	1.00	6450	130	130	130	0	0	3	5	4
		1.00	6450	150	150	150	0	0	3	5	4
		2.00	6450	150	150	150	1	0	3	5	4
73751	BK, BN	0.29	6450	130	130	130	1	0	4	3	4
		1.58	6450	150	150	150	0	0	4	3	4
		3.17	6450	150	150	150	0	0	4	3	4
73771	BK	0.29	6410	130	130	130	2	0	4	3	4
		1.58	6410	130	130	130	1	0	4	3	4
		3.17	6410	150	150	150	0	0	4	3	4
Report January 6, 1976.											
Replaces E59481C dated February 7, 1989.											
26285-C01		N-042		Underwriters Laboratories Inc. [®]				(Cont. on C-1E card)			
								D11:0018965			

OBOR2		January 12, 1996									
Component-Varnishes		E51047 (M)									
JOHN C DOLPH CO		(A card)									
320 NEW RD PO BOX 267 , MONMOUTH											
JUNCTION NJ 08852											
Varnish	ANSI			Varnish							
	Magnet			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					

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