

# SPECIFICATION FOR APPROVAL

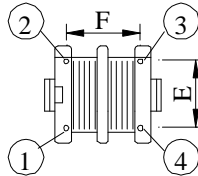
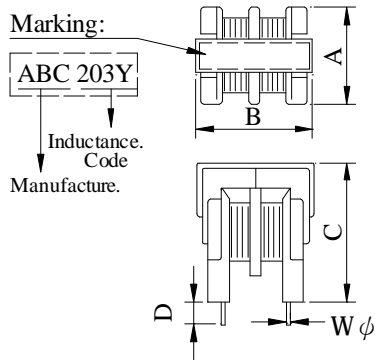
REF :20080407-B

PAGE: 1

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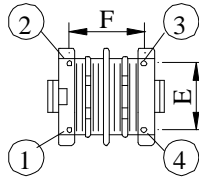
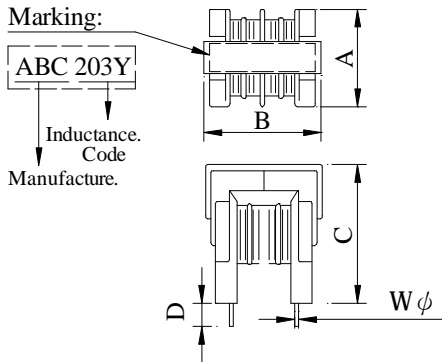
## I . CONFIGURATION & DIMENSIONS :

### ●UF15V2 Series



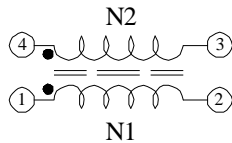
- A : 19.0 max. m/m
- B : 23.0 max. m/m
- C : 27.5 max. m/m
- D : 4.5±1 m/m
- E : 10.0±0.5 m/m
- F : 13.0±0.5 m/m
- Wφ: 0.7 m/m

### ●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

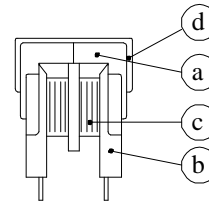
## II . SCHEMATIC DIAGRAM :



"●" : 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



AR-001A

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		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

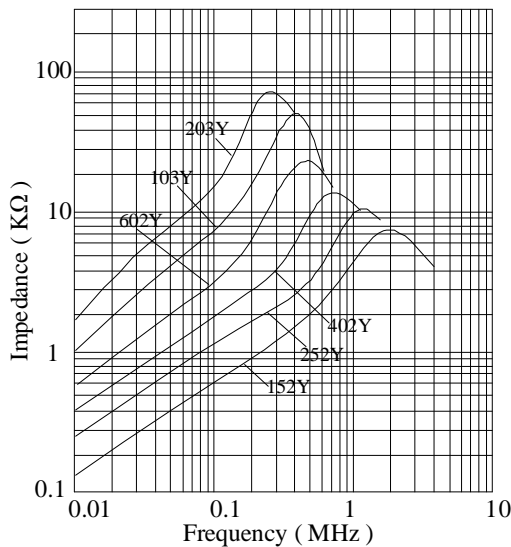
DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF15V4203YL□-□□□	20.0	2.00	0.5
UF15V4103YL□-□□□	10.0	1.00	0.7
UF15V4602YL□-□□□	6.0	0.50	0.8
UF15V4402YL□-□□□	4.0	0.30	1.2
UF15V4252YL□-□□□	2.5	0.20	1.6
UF15V4152YL□-□□□	1.5	0.15	1.8

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

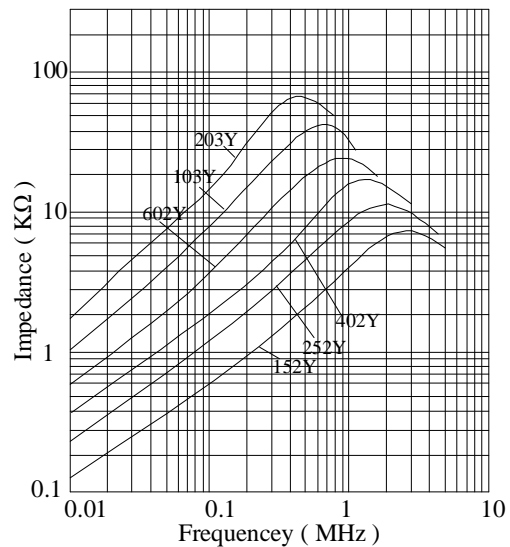
- 1). □ : Packaging information... [A]: Bulk
- 2). "- □□□":Reference code

**VI . IMPEDANCE VS FREQUENCY CURVE :**

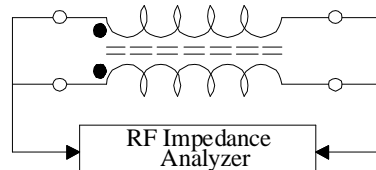
●UF15V2 Series



●UF15V4 Series



●IMPEDANCE MEASURING CIRCUIT :



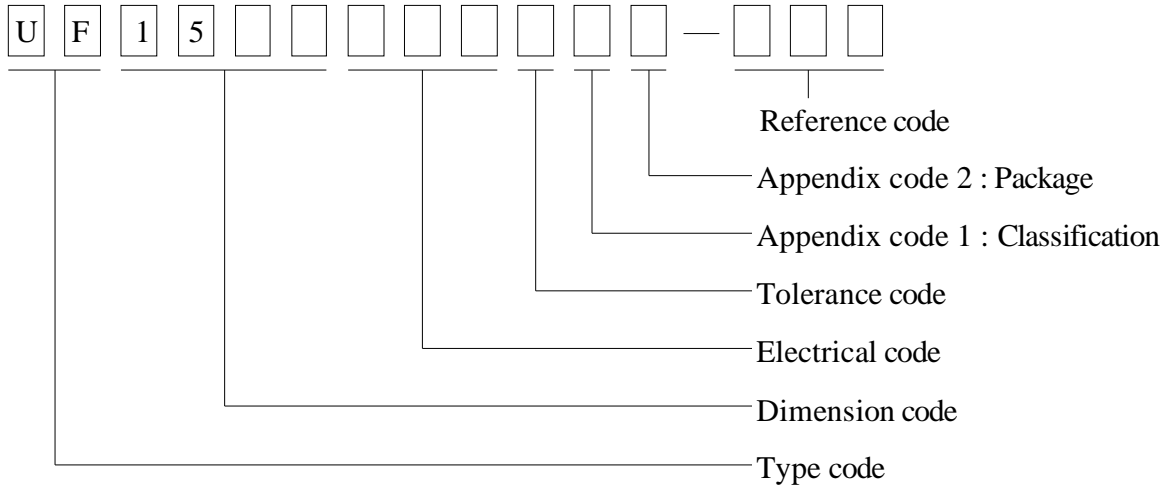
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REF :20080407-B

PAGE: 3

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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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PAGE: 5

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QMI72		Msw - 1, 961									
Component - Plastics		F59481(S)									
CHIANG CHUN PLASTICS CO LTD		(C-Cont. From B card)									
73573	BK	0.42	S-V-0	130	150	130	1	0	2	4	3
		0.20	S-V-0	150	150	150	1	0	2	4	3
		1.00	S-V-0	130	150	130	1	0	2	4	3
73593	BK, BN	0.29	S-4HB	150	130	130	1	0	4	3	4
	NC	1.57	S-4HB	150	150	150	1	0	4	3	4
	C-2	3.17	S-4HB	150	150	150	0	0	4	3	4
73733	BK, BN	1.00	S-V-1	130	130	130	0	0	3	5	4
		1.00	S-V-0	150	150	150	0	0	3	5	4
		2.00	S-V-0	150	150	150	1	0	3	5	4
73753	BK, BN	0.29	S-V-0	130	150	130	1	0	4	3	4
		1.58	S-V-0	130	130	130	0	0	4	3	4
		3.17	S-V-0	150	150	150	0	0	4	3	4
73773	BK	0.29	S-4HB	130	130	130	2	0	4	3	4
		1.58	S-4HB	130	130	130	1	0	4	3	4
		3.17	S-4HB	150	150	150	0	0	4	3	4
Report January 6, 1976.											
Replaces E59481C dated February 7, 1989.											
26285-C91		S-042		Underwriters Laboratories Inc.®				(Cont. on C-1B 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	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					

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