

SPECIFICATION FOR APPROVAL

REF : 20080407-A

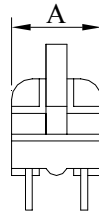
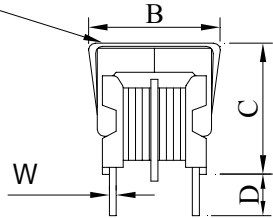
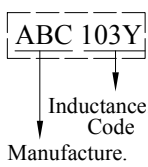
PAGE: 1

PROD. NAME	LINE FILTER	ABC'S DWG NO.	UF09□□□□□□L□-□□□
		ABC'S ITEM NO.	

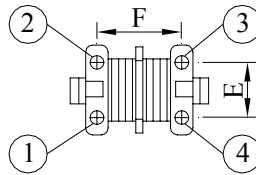
. CONFIGURATION & DIMENSIONS :

●UF09V2 Series

Marking:

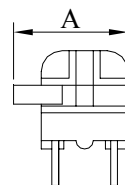
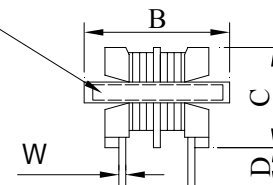
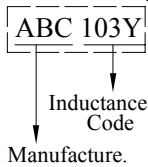


A	: 11.5 max.	m/m
B	: 16.5 max.	m/m
C	: 17.0 max.	m/m
D	: 5.0±1.0	m/m
E	: 7.0±0.5	m/m
F	: 8.0±0.5	m/m
W	: 0.6±0.05	m/m

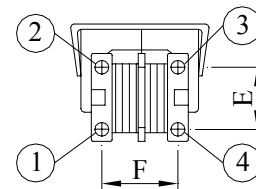


●UF09H2 Series

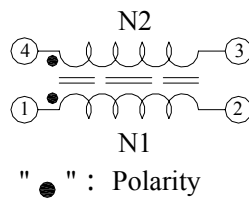
Marking:



A	: 15.0 max.	m/m
B	: 16.5 max.	m/m
C	: 13.0 max.	m/m
D	: 5.0±1.0	m/m
E	: 7.0±0.5	m/m
F	: 8.0±0.5	m/m
W	: 0.6±0.05	m/m

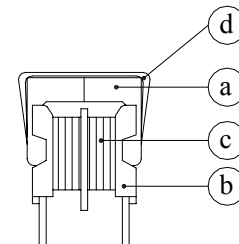


. SCHEMATIC DIAGRAM :



. 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



AR-001A



一站式电磁兼容 (EMC) 方案供应商!
 电话: 0755-26532285 传真: 0755-26532652

网址: <http://www.compon-tech.com>
 邮箱: compon@compon-tech.com

SPECIFICATION FOR APPROVAL

REF : 20080407-A

PAGE: 2

PROD. NAME	LINE FILTER	ABC'S DWG NO.	UF09□□□□□□L□-□□□
		ABC'S ITEM NO.	

. GENERAL SPECIFICATION :

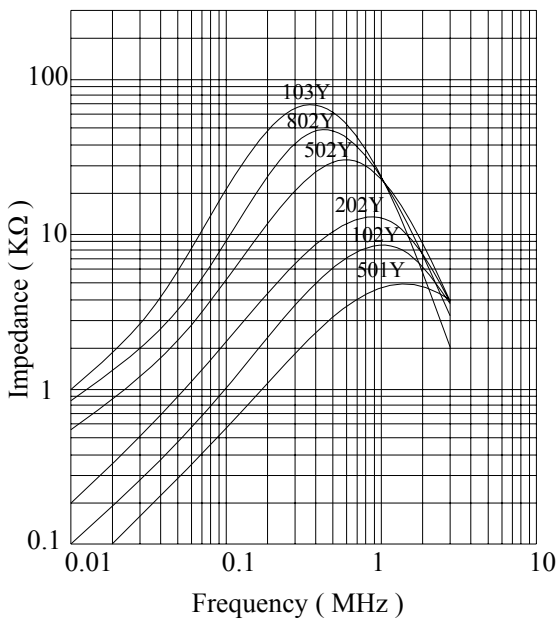
- a . Temp. rise : 40 max. at rated current
- b . Storage temp. : -40 ---- +105
- c . Operating temp. : -25 ---- +85
- d . Pin strength : 1.0KG min.

. ELECTRICAL CHARACTERISTICS :

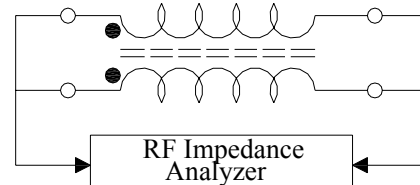
DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF09V2/ UF09H2501YL□-□□□	0.5	0.2	1.4
UF09V2/ UF09H2102YL□-□□□	1.0	0.4	1.0
UF09V2/ UF09H2202YL□-□□□	2.0	0.8	0.7
UF09V2/ UF09H2502YL□-□□□	5.0	1.6	0.5
UF09V2/ UF09H2802YL□-□□□	8.0	2.5	0.4
UF09V2/ UF09H2103YL□-□□□	10.0	3.6	0.3

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

. IMPEDANCE VS FREQUENCY CURVE :



● IMPEDANCE MEASURING CIRCUIT :



AR-001A



一站式电磁兼容 (EMC) 方案供应商!
 电话: 0755-26532285 传真: 0755-26532652

网址: <http://www.compon-tech.com>
 邮箱: compon@compon-tech.com

SPECIFICATION FOR APPROVAL

REF :20080407-B

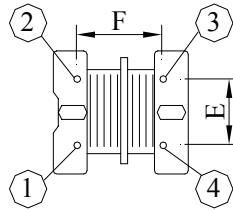
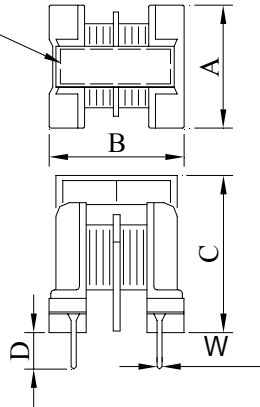
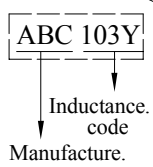
PAGE: 1

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

. CONFIGURATION & DIMENSIONS :

●UF10V2 Series

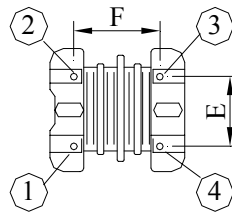
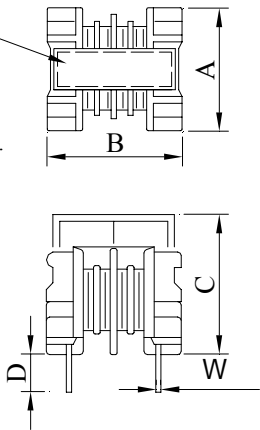
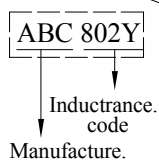
Marking:



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
W	: 0.7	m/m

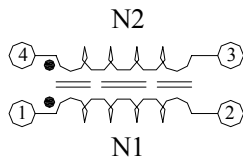
●UF10V4 Series

Marking:



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
W	: 0.7	m/m

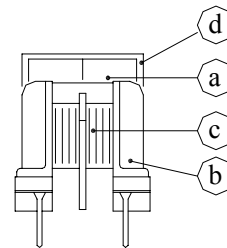
. SCHEMATIC DIAGRAM :



"●": 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



AR-001A



一站式电磁兼容 (EMC) 方案供应商!
 电话: 0755-26532285 传真: 0755-26532652

网址: <http://www.compon-tech.com>
 邮箱: compon@compon-tech.com

SPECIFICATION FOR APPROVAL

REF :20080407-B

PAGE: 2

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

. GENERAL SPECIFICATION :

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

. ELECTRICAL CHARACTERISTICS :

DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
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

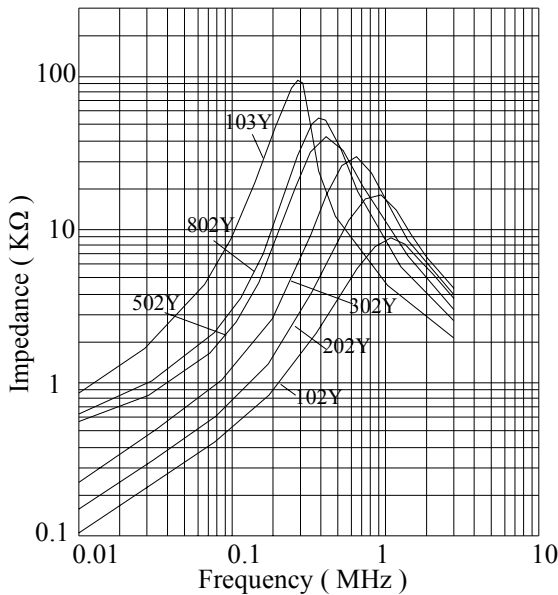
DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF10V4802YL□-□□□	8.0	2.4	0.4
UF10V4502YL□-□□□	5.0	1.5	0.5
UF10V4402YL□-□□□	4.0	1.0	0.7
UF10V4252YL□-□□□	2.5	0.5	0.8
UF10V4162YL□-□□□	1.6	0.4	1.0
UF10V4801YL□-□□□	0.8	0.2	1.6

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

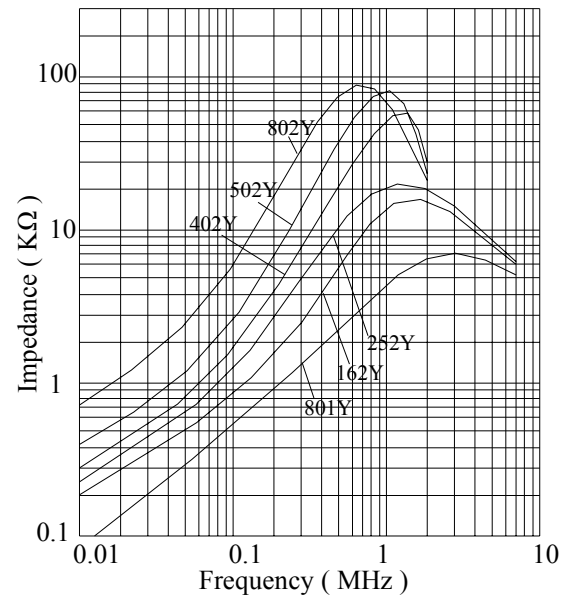
- 1) .□ : Packaging information... [A]: Bulk
- 2) ."- □□□":Reference code

. IMPEDANCE VS FREQUENCY CURVE :

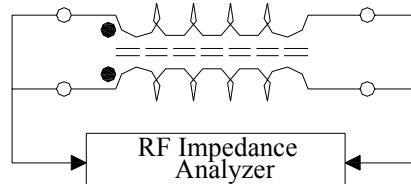
●UF10V2 Series



●UF10V4 Series



●IMPEDANCE MEASURING CIRCUIT :



AR-001A



一站式电磁兼容 (EMC) 方案供应商!
 电话: 0755-26532285 传真: 0755-26532652

网址: <http://www.compon-tech.com>
 邮箱: compon@compon-tech.com

SPECIFICATION FOR APPROVAL

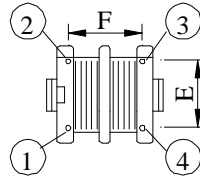
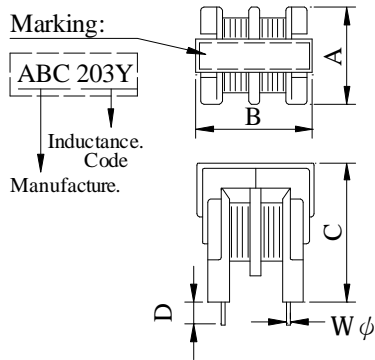
REF :20080407-B

PAGE: 1

PROD. NAME	LINE FILTER	ABC'S DWG NO. ABC'S ITEM NO.	UF15□□□□□□L□-□□□
---------------	-------------	---------------------------------	------------------

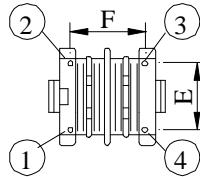
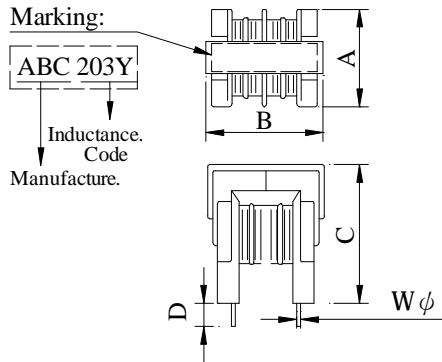
I . CONFIGURATION & DIMENSIONS :

●UF15V2 Series



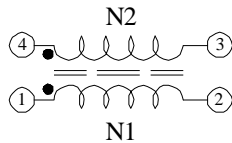
A :	19.0 max.	m/m
B :	23.0 max.	m/m
C :	27.5 max.	m/m
D :	4.5±1	m/m
E :	10.0±0.5	m/m
F :	13.0±0.5	m/m
Wφ:	0.7	m/m

●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

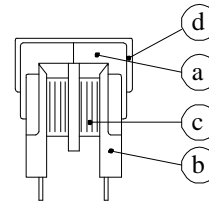
II . SCHEMATIC DIAGRAM :



"●" : 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



一站式电磁兼容 (EMC) 方案供应商!
 电话: 0755-26532285 传真: 0755-26532652

网址: <http://www.compon-tech.com>
 邮箱: compon@compon-tech.com

SPECIFICATION FOR APPROVAL

PROD.	LINE FILTER	ABC'S DWG NO.	UF15□□□□□□L□-□□□
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

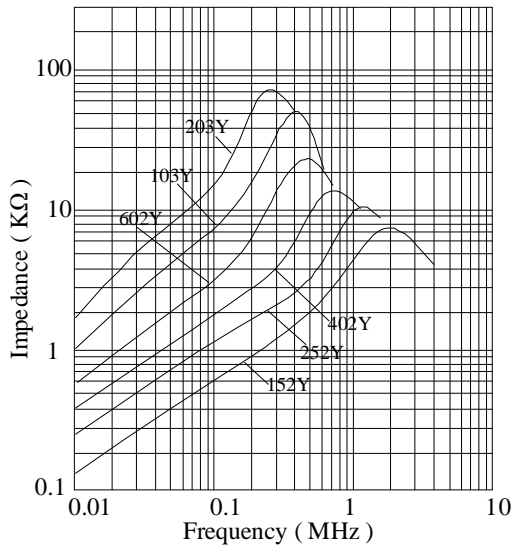
DWG No.	L (mH) min.	RDC (Ω) max.	Rated Current (Aac)
UF15V4203YL□-□□□	20.0	2.00	0.5
UF15V4103YL□-□□□	10.0	1.00	0.7
UF15V4602YL□-□□□	6.0	0.50	0.8
UF15V4402YL□-□□□	4.0	0.30	1.2
UF15V4252YL□-□□□	2.5	0.20	1.6
UF15V4152YL□-□□□	1.5	0.15	1.8

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

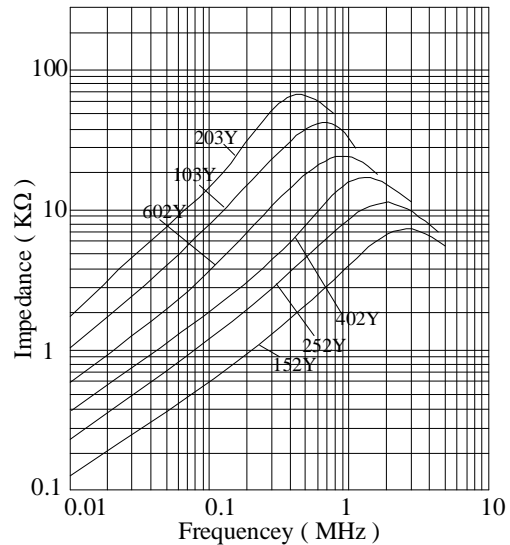
- 1). □ : Packaging information... [A]: Bulk
- 2). "- □□□":Reference code

VI . IMPEDANCE VS FREQUENCY CURVE :

●UF15V2 Series



●UF15V4 Series



●IMPEDANCE MEASURING CIRCUIT :

