

SPECIFICATION FOR APPROVAL

REF :20080407-B

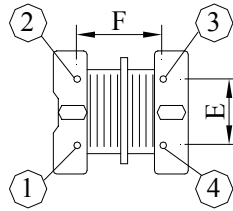
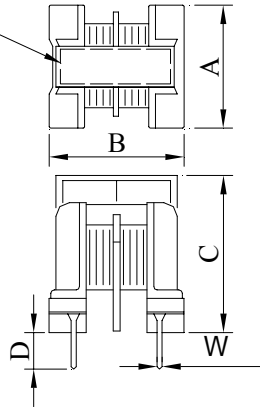
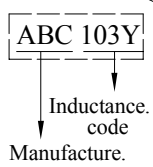
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| | | | |
|------------|-------------|----------------|------------------|
| PROD. NAME | LINE FILTER | ABC'S DWG NO. | UF10□□□□□□L□-□□□ |
| | | ABC'S ITEM NO. | |

. CONFIGURATION & DIMENSIONS :

●UF10V2 Series

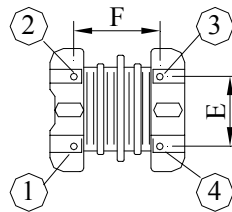
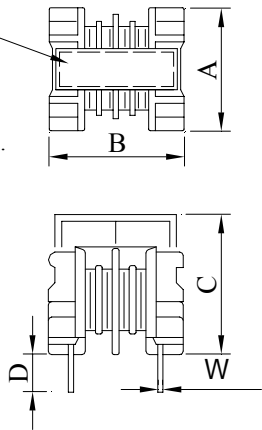
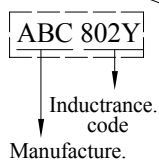
Marking:



| | | |
|---|-------------|-----|
| 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 |

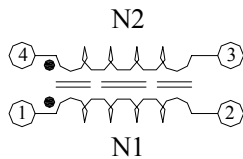
●UF10V4 Series

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 |

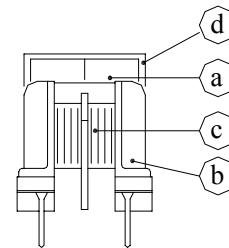
. SCHEMATIC DIAGRAM :



"●": 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



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| | | | |
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| | | 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 |

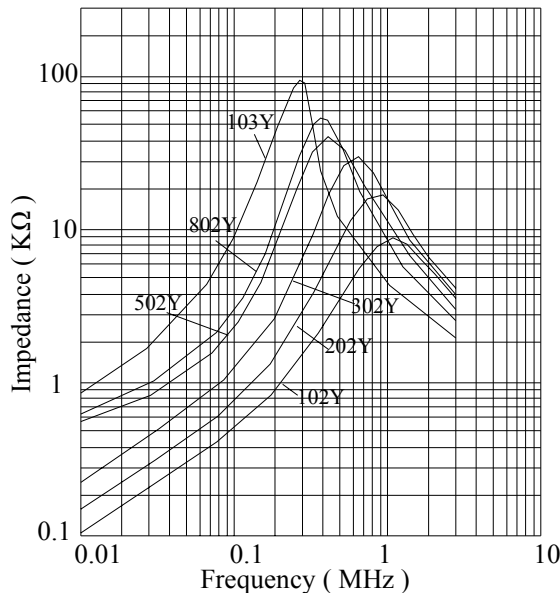
| DWG No. | L (mH) min. | RDC (Ω) max. | Rated Current (Aac) |
|------------------|----------------|-----------------|------------------------|
| UF10V4802YL□-□□□ | 8.0 | 2.4 | 0.4 |
| UF10V4502YL□-□□□ | 5.0 | 1.5 | 0.5 |
| UF10V4402YL□-□□□ | 4.0 | 1.0 | 0.7 |
| UF10V4252YL□-□□□ | 2.5 | 0.5 | 0.8 |
|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

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

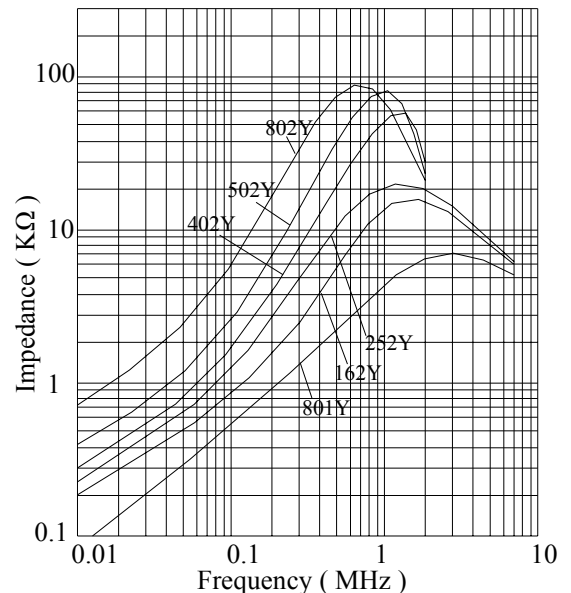
- 1) □ : Packaging information... [A]: Bulk
- 2) "- □□□":Reference code

. IMPEDANCE VS FREQUENCY CURVE :

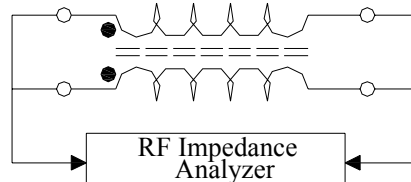
●UF10V2 Series



●UF10V4 Series



●IMPEDANCE MEASURING CIRCUIT :



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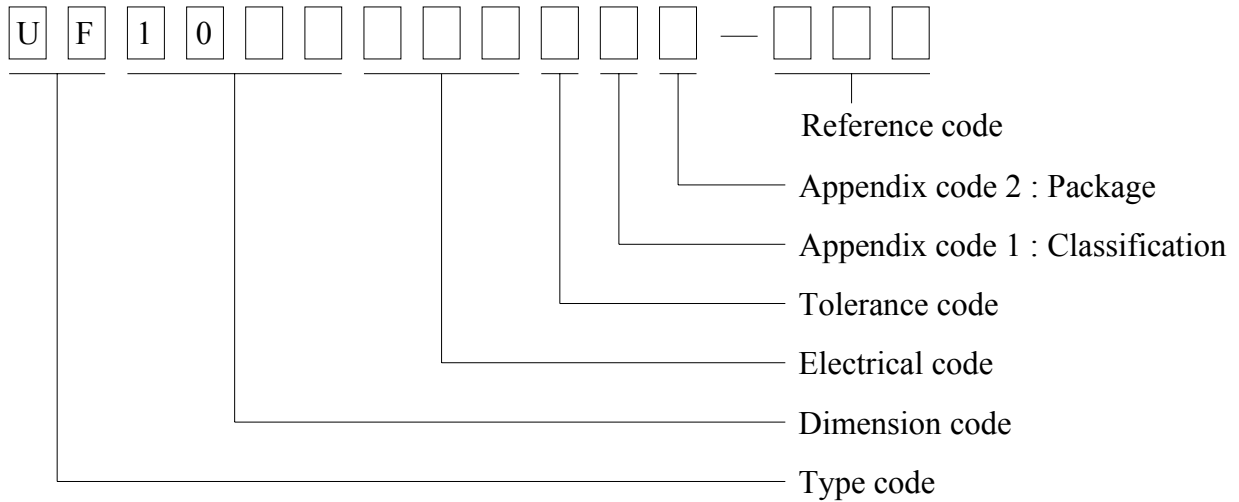
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| | | ABC'S ITEM NO. | |

. 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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| | | ABC'S ITEM NO. | |

. 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 |

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 - 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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|---------------|-------------|---------------------------------|------------------|

| | | | | | | | | | | | |
|--------------------------------------------------------------|-------|------------------------|-------|---------------------------------|-----|-----|---|-------------|---|---|---|
| QMFZ2 | | March 4, 1994 | | | | | | | | | |
| Component - Plastics | | | | | | | | | | | |
| CHANG CHUN PLASTICS CO LTD | | 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. (Cont. on CIF card) | | | | | | | | | | | |
| 262854001 | | N7047 | | Underwriters Laboratories Inc.® | | | | D11/0018965 | | | |

| | | | |
|-----------------------------------------------------------------|--------|------------------|-----------------|
| OBOR2 | | January 12, 1996 | |
| Component-Varnishes | | | |
| JOHN C DOLPH CO | | E51047 (M) | |
| 320 NEW RD PO BOX 267 , MONMOUTH | | (A card) | |
| JUNCTION NJ 08852 | | | |
| Varnish | ANSI | | Varnish |
| Dag | Magnet | Wire Type | Thermal Class C |
| | | Wire Type | HC |
| | | Wire Type | CE |
| AC-43 | | MW28 | 130 |
| | | MW24 | 155 |
| EB-43-FB | | | |
| | | MW35 | 155 |
| AC-43-66 | | MW28 | 130 |
| | | MW35 | 155 |
| | | MW24 | 155 |
| BB-353 | | MW35 | 180 |
| BC-326 | | MW36 | 200 |
| Report: June 20, 1980. | | | |
| Replaces E51047A dated September 18, 1994. (Cont. on A005 card) | | | |
| 452548001 | | H0767 | |
| Underwriters Laboratories Inc.® | | | |
| D11/0025721 | | | |
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