

# 노이즈필터

## Noise Filter

### 1Ø 고감쇄형(Multi-Stage Type)

• 1Ø 250V 6 ~ 150A





## ● Features

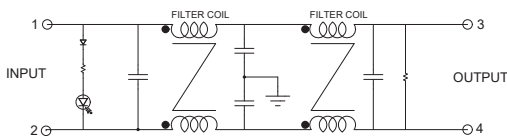
- 2 Mounting Option
  - WYF\*\*\*\*D : Din Rail Mounting
  - WYF\*\*\*\* : Screw Mounting
- Wide Band : High Attenuation
- Band Width : 150KHz ~ 30MHz
- Low Leakage
- RoHS Compliant
- KC(HK03001-18007A)

## ● Specifications

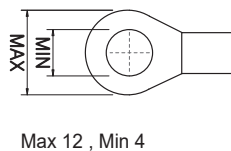
| ITEM                  | MODEL | SYMBOL | WYFS06T1M (D)                                   | WYFS10T1M (D) | WYFS15T1M (D) | WYFS20T1M (D) | WYFS30T1M (D) |
|-----------------------|-------|--------|-------------------------------------------------|---------------|---------------|---------------|---------------|
| Rated Voltage         | V     |        | 250                                             |               |               |               |               |
| Rated Current         | A     |        | 6                                               | 10            | 15            | 20            | 30            |
| Frequency             | Hz    |        | 50 / 60                                         |               |               |               |               |
| Dielectric Withstand  | V     |        | 2500VAC for 1 minute (Line – Case)              |               |               |               |               |
| Insulation Resistance | MΩ    |        | 500                                             |               |               |               |               |
| Leakage Current       | mA    |        | 1.8                                             |               |               |               |               |
| Operating Temperature | °C    |        | -25°C ~ +100°C [Refer to Derating Curve TYPE-1] |               |               |               |               |
| Operating Humidity    | RH    |        | 35 ~ 85%RH                                      |               |               |               |               |
| Weight                | kg    |        | 0.2                                             |               |               |               |               |

※ Derating Curve of page 519

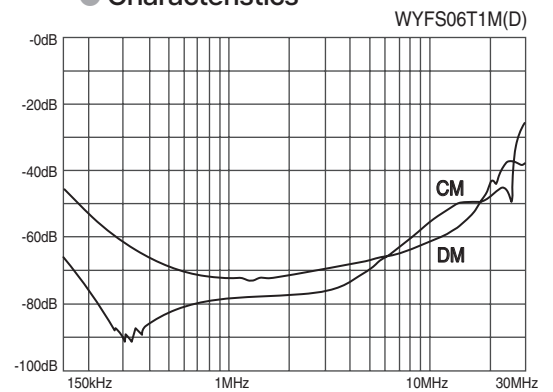
## ● Circuit Diagram



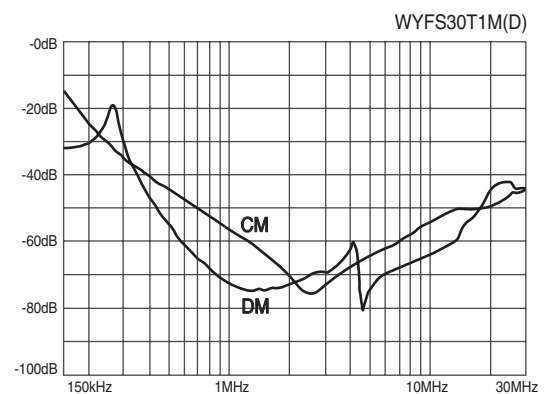
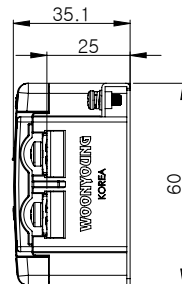
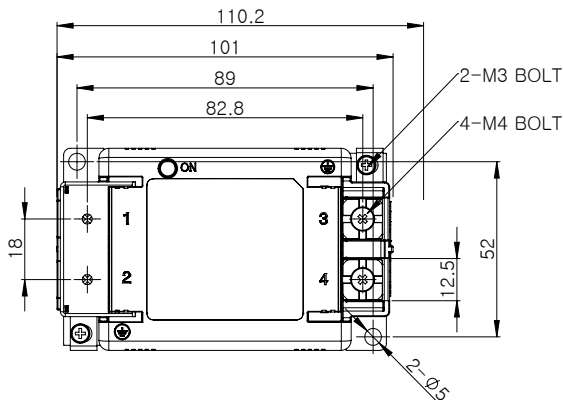
## ● Terminal



## ● Characteristics



## ● Dimension



# NOISE FILTER

## N Series 1Ø 250V 고감쇄형 Multi-Stage Type



### ● Features

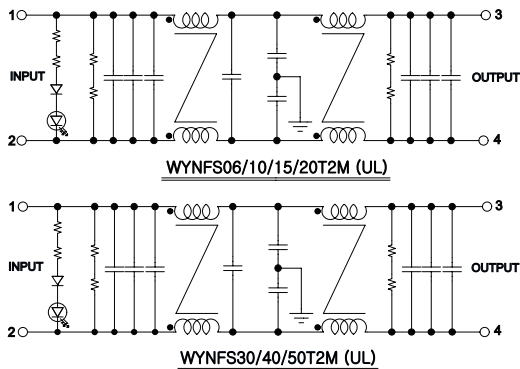
- Wide Band : High Attenuation
- Band Width : 150KHz ~ 30MHz
- RoHS Compliant

### ● Specifications

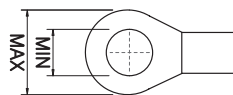
| ITEM                  | MODEL | SYMBOL | WYNFS06T2M                                      | WYNFS10T2M | WYNFS15T2M | WYNFS20T2M | WYNFS30T2M | WYNFS40T2M | WYNFS50T2M |
|-----------------------|-------|--------|-------------------------------------------------|------------|------------|------------|------------|------------|------------|
| Rated Voltage         | V     |        | 250                                             |            |            |            |            |            |            |
| Rated Current         | A     |        | 6A                                              | 10A        | 15A        | 20A        | 30A        | 40A        | 50A        |
| Frequency             | Hz    |        | 50 / 60                                         |            |            |            |            |            |            |
| Dielectric Withstand  | V     |        | 2500VAC for 1 minute (Line - Case)              |            |            |            |            |            |            |
| Insulation Resistance | MΩ    |        | DC 100MΩ at the 500Vdc                          |            |            |            |            |            |            |
| Leakage Current       | mA    |        | ≤9mA at the 250Vdc                              |            |            |            |            |            |            |
| Operating Temperature | °C    |        | -25°C ~ +100°C [Refer to Derating Curve TYPE-1] |            |            |            |            |            |            |
| Operating Humidity    | RH    |        | 35 ~ 85%RH                                      |            |            |            |            |            |            |
| Weight                | kg    |        | 2.4                                             |            |            |            |            |            |            |

※ Derating Curve of page 519

### ● Circuit Diagram

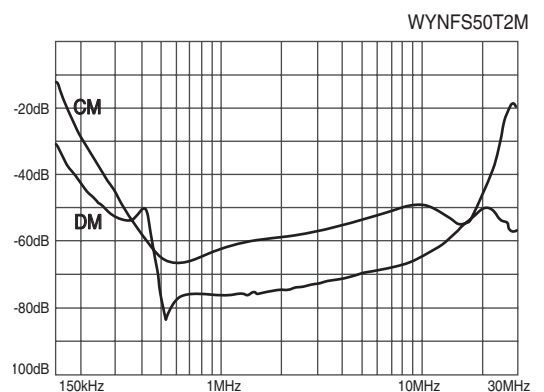
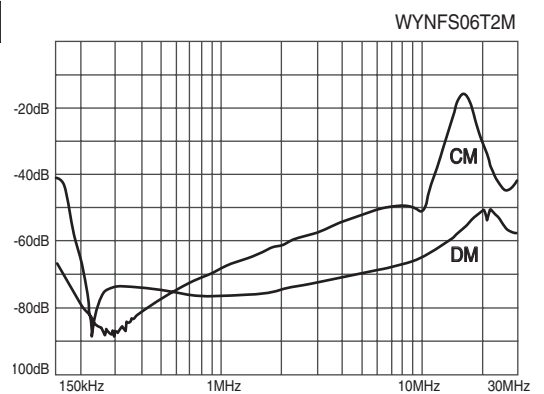


### ● Terminal

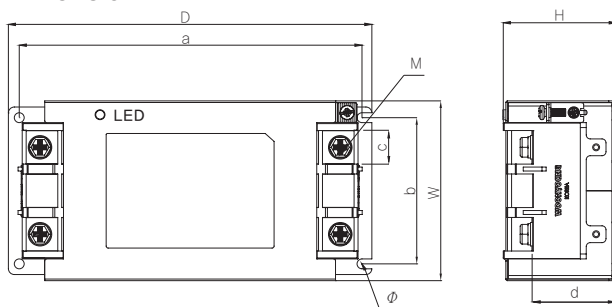


Max 10, Min 4 (6~20A)  
Max 16, Min 5 (30~50A)

### ● Characteristics



### ● Dimension



| MODEL         | W    | H    | D   | a   | b    | c    | d    | M | Ø |
|---------------|------|------|-----|-----|------|------|------|---|---|
| WYNFS06~20T2M | 70.5 | 45   | 202 | 194 | 51.5 | 10.5 | 33   | 4 | 5 |
| WYNFS30~50T2M | 79.2 | 48.3 | 242 | 232 | 60   | 13   | 33.5 | 5 | 5 |



### ● Features

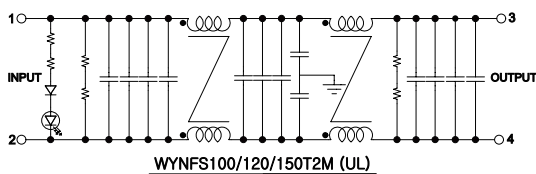
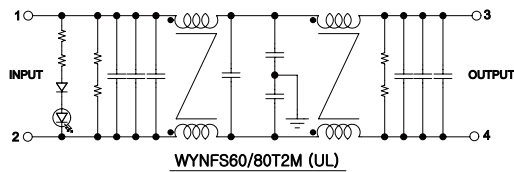
- Wide Band : High Attenuation
- Band Width : 150kHz ~ 30MHz
- RoHS Compliant

### ● Specifications

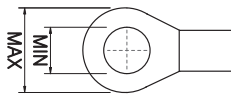
| ITEM                  | MODEL | SYMBOL | WYNFS60T2M                                        | WYNFS80T2M | WYNFS100T2M | WYNFS120T2M | WYNFS150T2M |
|-----------------------|-------|--------|---------------------------------------------------|------------|-------------|-------------|-------------|
| Rated Voltage         | V     |        | 250                                               |            |             |             |             |
| Rated Current         | A     |        | 60A                                               | 80A        | 100A        | 120A        | 150A        |
| Frequency             | Hz    |        | 50 / 60                                           |            |             |             |             |
| Dielectric Withstand  | V     |        | 2500VAC for 1 minute (Line – Case)                |            |             |             |             |
| Insulation Resistance | MΩ    |        | DC 100MΩ at the 500Vdc                            |            |             |             |             |
| Leakage Current       | mA    |        | ≤9mA at the 250Vac                                |            |             |             |             |
| Operating Temperature | °C    |        | -25°C ~ +100°C [Refer to Derating Curve TYPE – 1] |            |             |             |             |
| Operating Humidity    | RH    |        | 35 ~ 85%RH                                        |            |             |             |             |
| Weight                | kg    |        | 4.5                                               |            | 5.2         |             |             |

※ Derating Curve of page 519

### ● Circuit Diagram

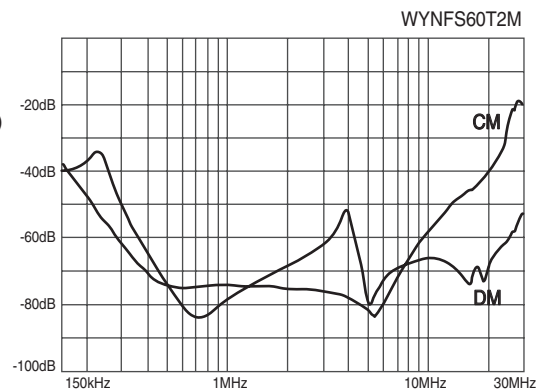


### ● Terminal

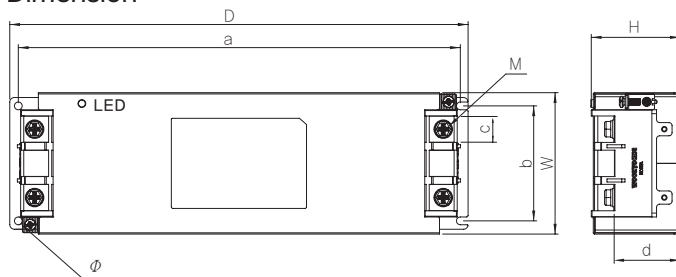


Max 16, Min 6 (60~80A)  
Max 23, Min 8 (100~150A)

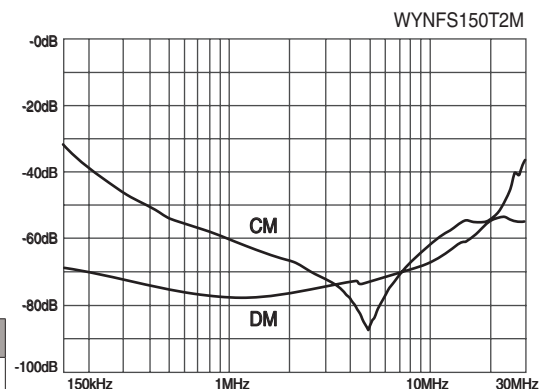
### ● Characteristics



### ● Dimension



| MODEL           | W   | H    | D     | a     | b  | c  | d    | M | Ø |
|-----------------|-----|------|-------|-------|----|----|------|---|---|
| WYNFS60~80T2M   | 91  | 57.2 | 295   | 284.5 | 74 | 17 | 42.3 | 6 | 5 |
| WYNFS100~150T2M | 115 | 75   | 384.7 | 368   | 96 | 24 | 58   | 8 | 5 |





## ● Features

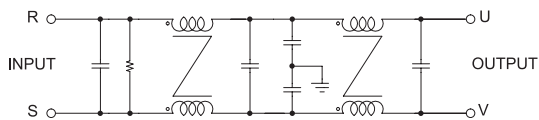
- High Attenuation
- High Voltage Pulse Noise
- 2 Stage Filter
- Band Width : 150KHz ~ 30MHz
- RoHS Compliant

## ● Specifications

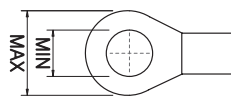
| ITEM                  | MODEL | SYMBOL | WYFS06T2M                                       | WYFS10T2M | WYFS15T2M | WYFS20T2M | WYFS30T2M | WYFS40T2M | WYFS50T2M |
|-----------------------|-------|--------|-------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Rated Voltage         | V     |        | 250                                             |           |           |           |           |           |           |
| Rated Current         | A     |        | 6                                               | 10        | 15        | 20        | 30        | 40        | 50        |
| Frequency             | Hz    |        | 50 / 60                                         |           |           |           |           |           |           |
| Dielectric Withstand  | V     |        | 2500VAC for 1 minute (Line - Case)              |           |           |           |           |           |           |
| Insulation Resistance | MΩ    |        | 500                                             |           |           |           |           |           |           |
| Leakage Current       | mA    |        | 9                                               |           |           |           |           |           |           |
| Operating Temperature | °C    |        | -25°C ~ +100°C [Refer to Derating Curve TYPE-1] |           |           |           |           |           |           |
| Operating Humidity    | RH    |        | 35 ~ 85%RH                                      |           |           |           |           |           |           |
| Weight                | kg    |        | 0.8                                             |           |           | 1.7       |           |           |           |

※ Derating Curve of page 519

## ● Circuit Diagram

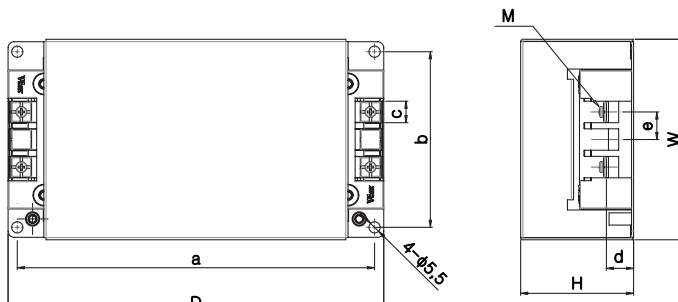


## ● Terminal



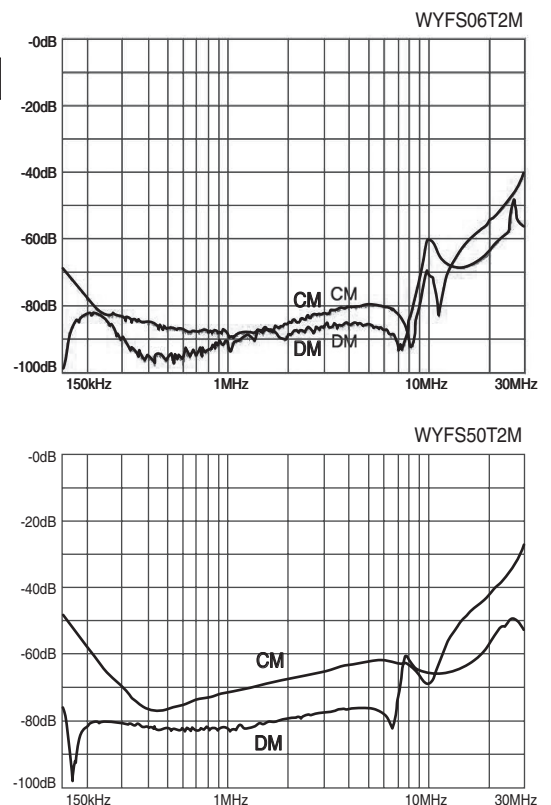
Max 10, Min 4 (6~20A)  
Max 14, Min 4 (30~50A)

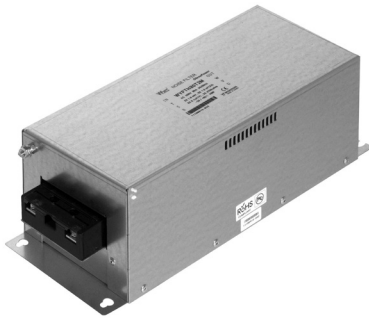
## ● Dimension



| MODEL        | W   | H  | D   | a   | b  | c    | d  | e    |
|--------------|-----|----|-----|-----|----|------|----|------|
| WYFS06~20T2M | 98  | 55 | 184 | 175 | 86 | 10.5 | 13 | 13.5 |
| WYFS30~50T2M | 116 | 75 | 234 | 219 | 98 | 15   | 18 | 27.5 |

## ● Characteristics





## ● Features

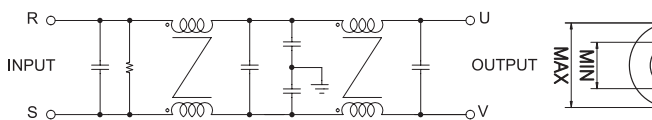
- High Attenuation
- High Voltage Pulse Noise
- 2 Stage Filter
- Band Width : 150KHz ~ 30MHz
- RoHS Compliant

## ● Specifications

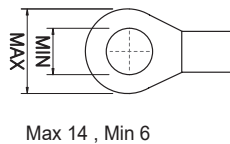
| ITEM                  | MODEL | SYMBOL | WYFS60T2M                                       | WYFS80T2M | WYFS100T2M |
|-----------------------|-------|--------|-------------------------------------------------|-----------|------------|
| Rated Voltage         | V     |        | 250                                             |           |            |
| Rated Current         | A     |        | 60                                              | 80        | 100        |
| Frequency             | Hz    |        | 50 / 60                                         |           |            |
| Dielectric Withstand  | V     |        | 2500VAC for 1 minute (Line-Case)                |           |            |
| Insulation Resistance | MΩ    |        | 500                                             |           |            |
| Leakage Current       | mA    |        | 9                                               |           |            |
| Operating Temperature | °C    |        | -25°C ~ +100°C [Refer to Derating Curve TYPE-1] |           |            |
| Operating Humidity    | RH    |        | 35 ~ 85%RH                                      |           |            |
| Weight                | kg    |        | 2.8                                             |           |            |

※ Derating Curve of page 519

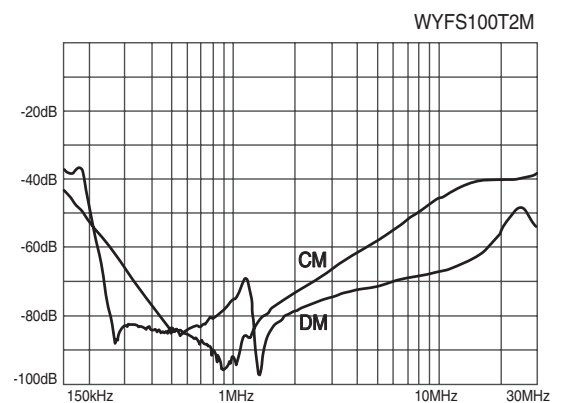
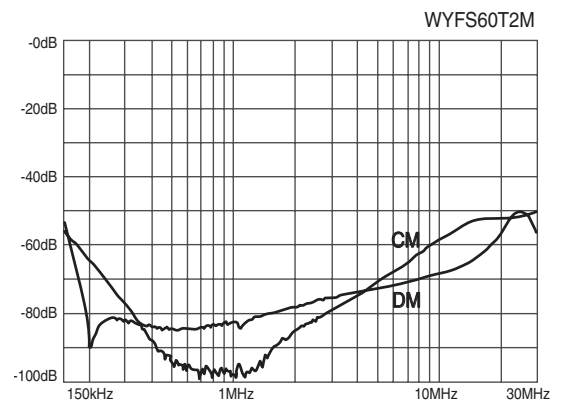
## ● Circuit Diagram



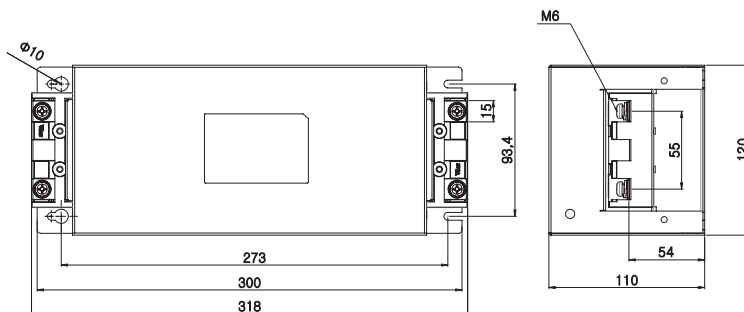
## ● Terminal



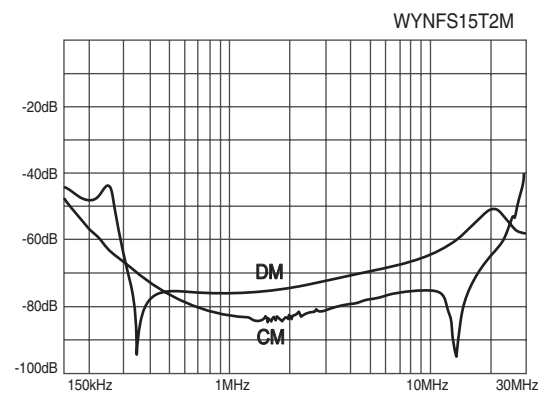
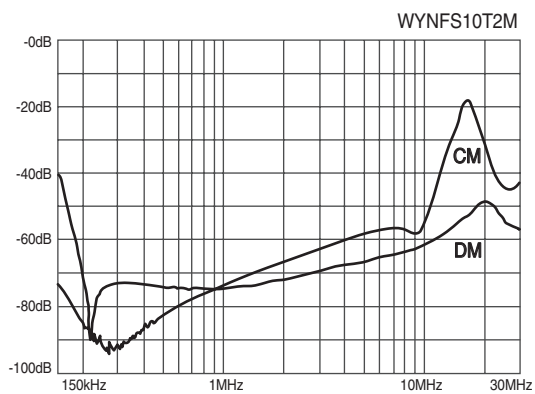
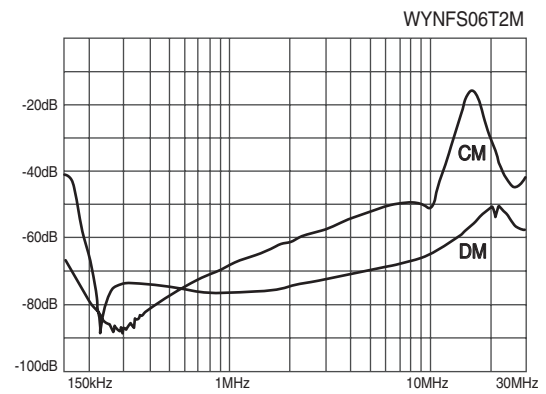
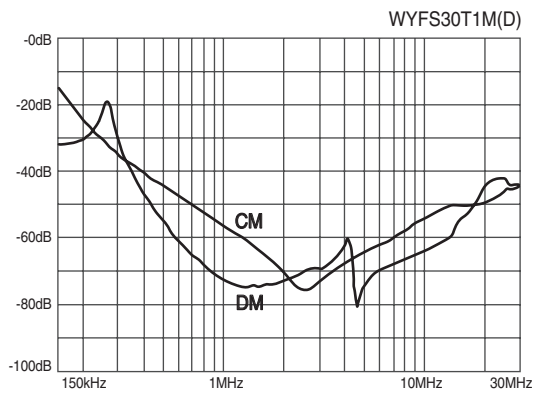
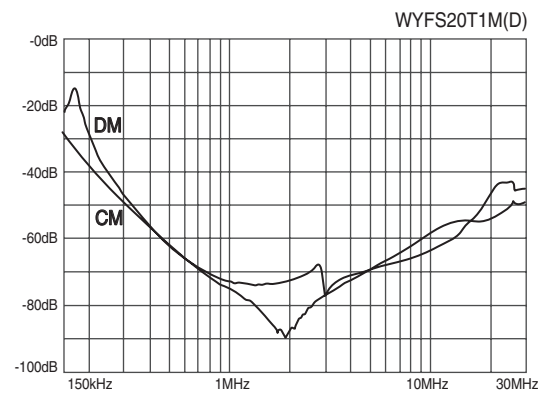
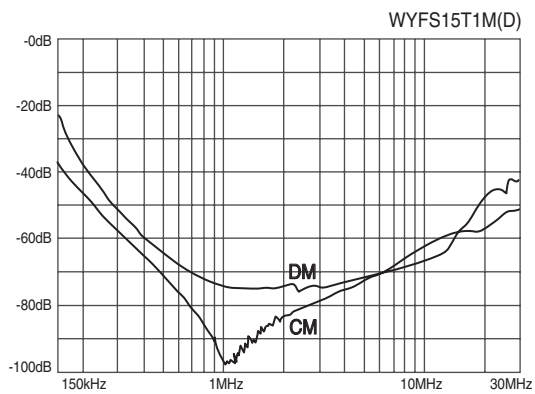
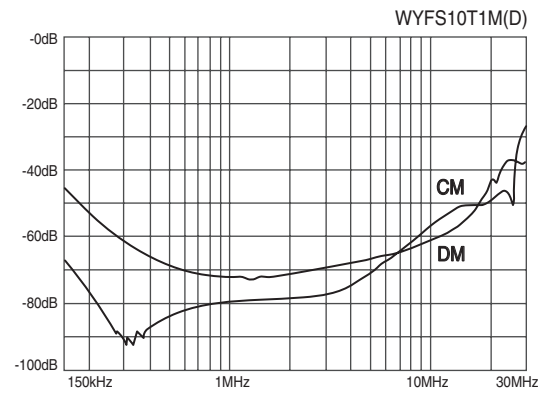
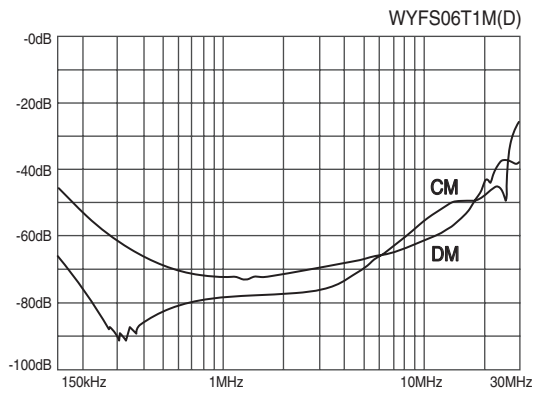
## ● Characteristics



## ● Dimension

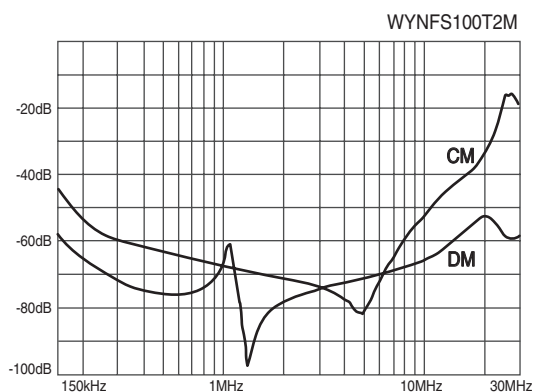
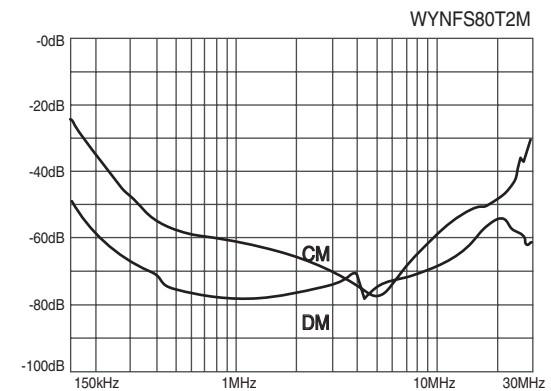
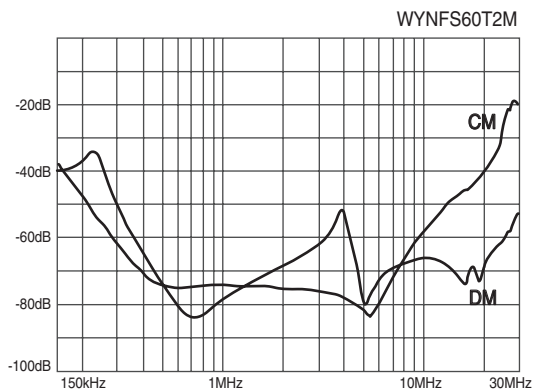
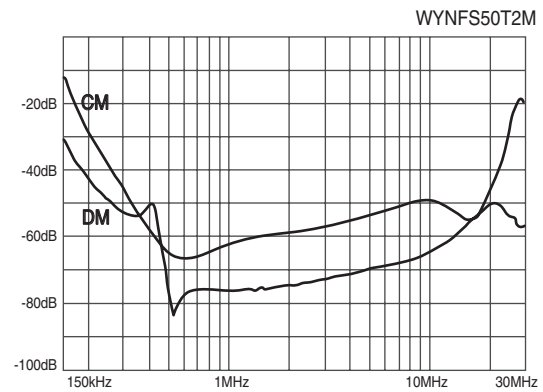
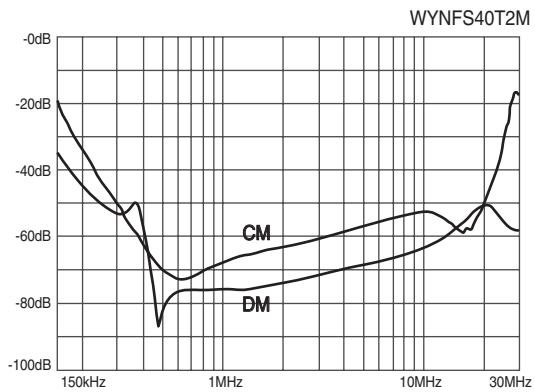
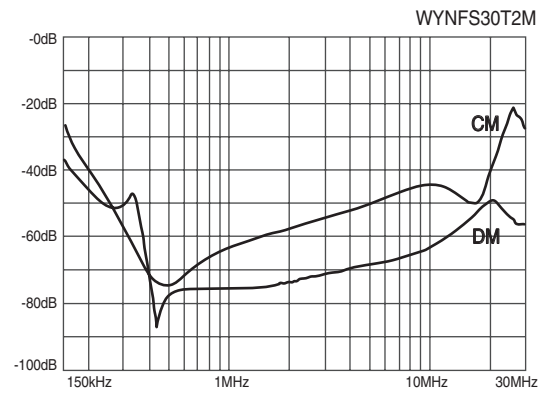
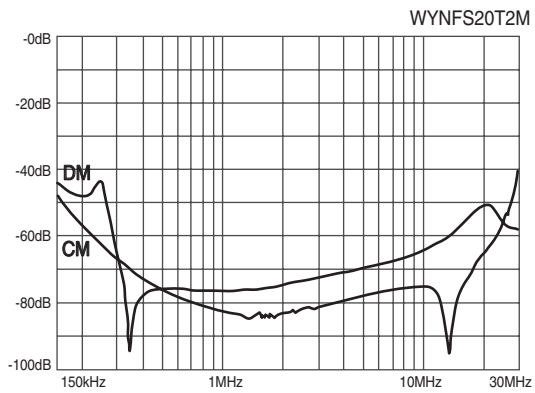


## ● Characteristics



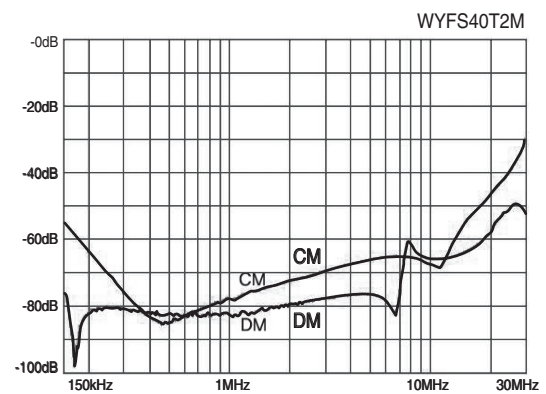
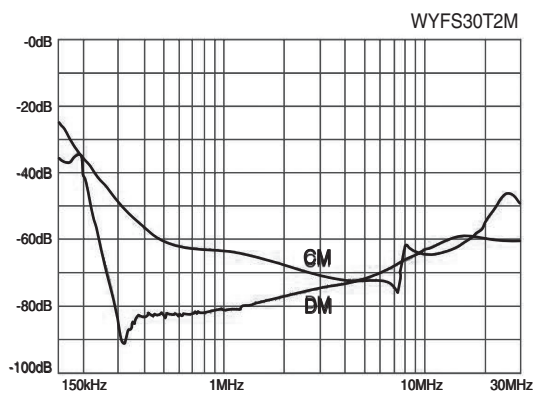
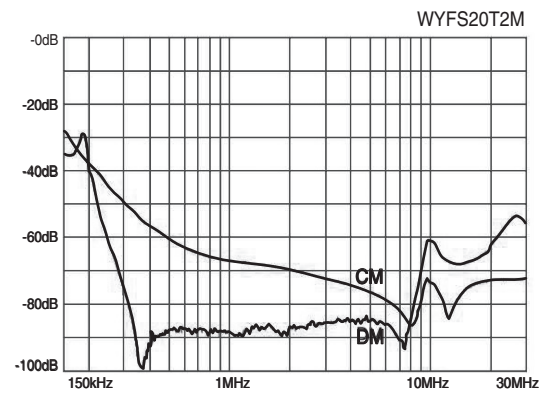
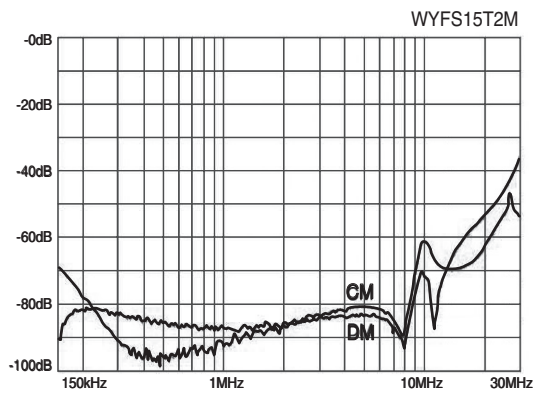
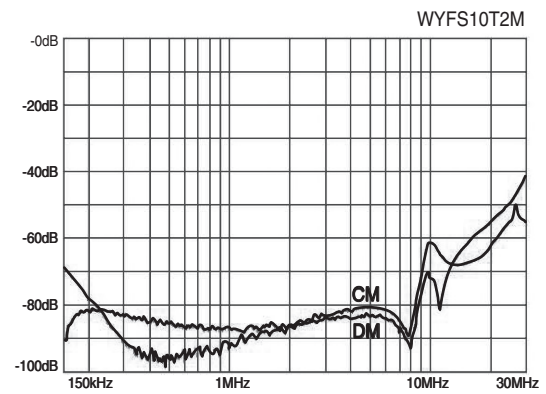
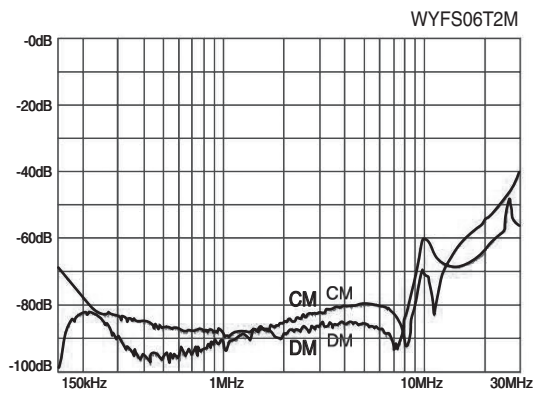
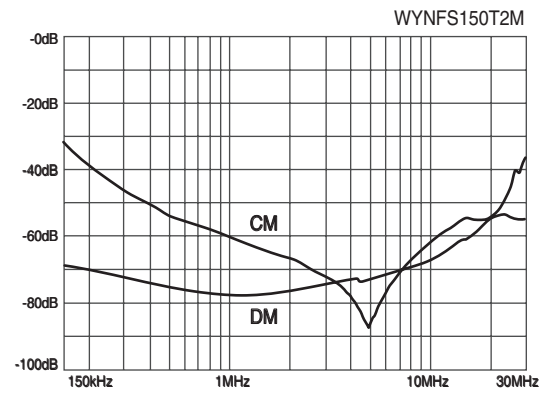
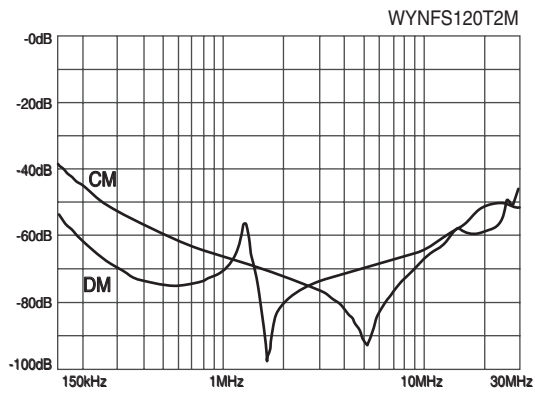
※ CM : Common mode, DM : Differential mode

### ● Characteristics



※ CM : Common mode, DM : Differential mode

### ● Characteristics



※ CM : Common mode, DM : Differential mode

● Characteristics

