

# GF Series

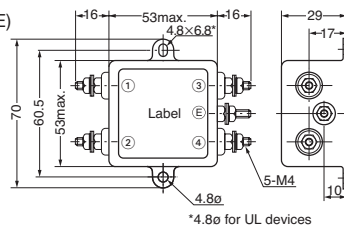
[RoHS Compliant]



| Model   | Rated voltage<br>AC/DC (V) | Rated current<br>AC/DC (A) | Withstanding voltage 1 min.,<br>line to ground<br>AC (V) | Insulation resistance<br>500VDC 1 min.,<br>line to ground<br>(MΩ) min. | Leakage current<br>250V/60Hz,<br>(mA) max. | Self-temperature<br>rise<br>(K) max. | Operating temperature<br>range<br>(°C) | Certified standard | Weight<br>(g) |
|---------|----------------------------|----------------------------|----------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|----------------------------------------|--------------------|---------------|
| GF-2050 | 250                        | 5                          | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+55                                |                    | 130           |
| GF-205U | 250                        | 5                          | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+60                                | UL                 | 130           |
| GF-2100 | 250                        | 10                         | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+55                                |                    | 140           |
| GF-210U | 250                        | 10                         | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+60                                | UL                 | 140           |
| GF-2150 | 250                        | 15                         | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+55                                |                    | 140           |
| GF-2200 | 250                        | 20                         | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+55                                |                    | 150           |
| GF-220U | 250                        | 20                         | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+60                                | UL                 | 150           |
| GF-205E | 250                        | 5                          | 1500                                                     | 300                                                                    | 1                                          | 30                                   | -20~+55                                | CSA                | 130           |

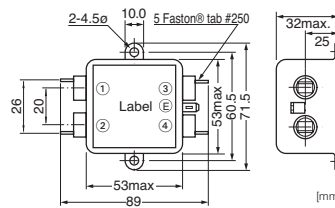
## Shape and Dimensions

### ●GF Series (Except Type E)

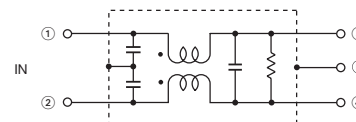


\*Recommended torque (N·m) max. ◆Line terminal (M4: 0.78)  
◆Earth terminal (M4: 1.18)

### ●GF-E Type

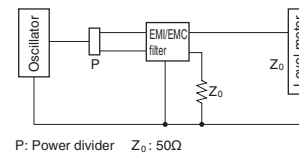


## Circuit Diagram

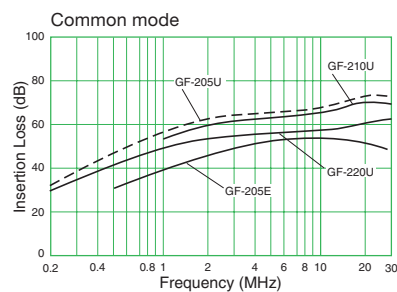


## Measuring Circuit

### ●Common mode



## Attenuation (Static Characteristics)



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.