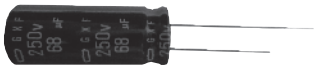
# GXF Series

- Downsizing and high-ripple current version of GXE series
- For automobile modules and networking equipment and other high temperature applications
- Endurance with ripple current : 3,000 hours at 125℃
- Solvent resistant type except 160 to 400Vdc
- RoHS2 Compliant
- AEC-Q200 compliant : Please contact Chemi-Con for more details, test data, information.

Downsized Higher ripple current
GXE → GXF

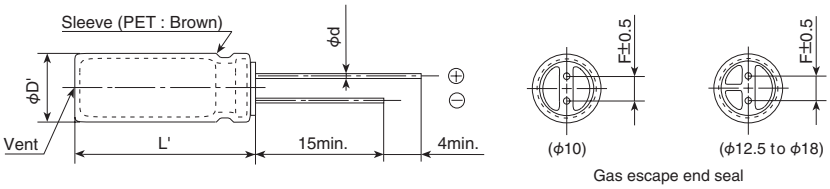


## ◆SPECIFICATIONS

| Items | Characteristics | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Category Temperature Range | -40 to +125℃ | | | | | | | | |
| Rated Voltage Range | 25 to 400Vdc | | | | | | | | |
| Capacitance Tolerance | ±20%(M) (20℃, 120Hz) | | | | | | | | |
| Leakage Current | 25 to 100Vdc: I=0.03CV or 4μA, whichever is greater. / 160 to 400Vdc: CV≦1,000 I=0.1CV+40; CV>1,000 I=0.04CV+100 | | | | | | | | |
| | Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20℃ after 1 minute) | | | | | | | | |
| Dissipation Factor (tan δ) | Rated voltage (Vdc) | 25V | 35V | 50V | 63V | 80V | 100V | 160 to 250V | 350 to 400V |
| | tan δ (Max.) | 0.14 | 0.12 | 0.10 | 0.10 | 0.08 | 0.08 | 0.15 | 0.20 |
| | When nominal capacitance exceeds 1,000μF, add 0.02 to the value above for each 1,000μF increase. (at 20℃, 120Hz) | | | | | | | | |
| Low Temperature Characteristics (Max. Impedance Ratio) | Rated voltage (Vdc) | 25V | 35V | 50V | 63V | 80V | 100V | 160 to 250V | 350 to 400V |
| | Z(-25℃)/Z(+20℃) | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 6 |
| | Z(-40℃)/Z(+20℃) | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 12 (at 120Hz) |
| Endurance | The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for the 3,000 hours at 125℃. | | | | | | | | |
| | Rated Voltage | 25 to 100Vdc | | | | | | 160 to 400Vdc | |
| | Capacitance change | ≦±30% of the initial value | | | | | | ≦±20% of the initial value | |
| | D.F. (tan δ) | ≦300% of the initial specified value | | | | | | ≦200% of the initial specified value | |
| | Leakage current | ≦The initial specified value | | | | | | ≦The initial specified value | |
| Shelf Life | The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours (500hours for 160 to 400Vdc) at 125℃ without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4. | | | | | | | | |
| | Rated Voltage | 25 to 100Vdc | | | | | | 160 to 400Vdc | |
| | Capacitance change | ≦±30% of the initial value | | | | | | ≦±20% of the initial value | |
| | D.F. (tan δ) | ≦300% of the initial specified value | | | | | | ≦200% of the initial specified value | |
| | Leakage current | ≦The initial specified value | | | | | | ≦500% of the initial specified value | |

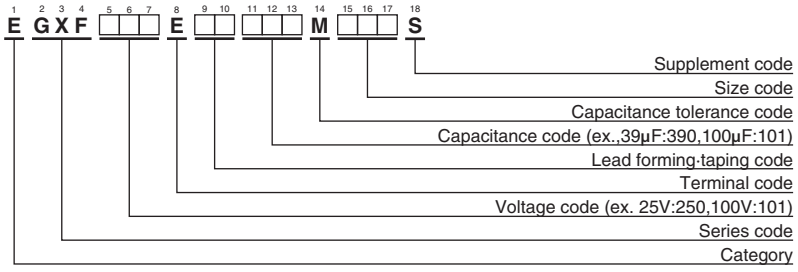
## ◆DIMENSIONS [mm]

●Terminal Code : E




| ΦD | 10 | 12.5 | 14.5 | 16 | 18 |
|---|---|---|---|---|---|
| Φd | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 |
| F | 5.0 | 5.0 | 7.5 | 7.5 | 7.5 |
| ΦD' | ΦD+0.5max. | | | | |
| L' | L+1.5max. | | | | |

## ◆PART NUMBERING SYSTEM




Please refer to "Product code guide (radial lead type)"

Product specifications in this catalog are subject to change without notice.Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

# GXF Series

## ◆STANDARD RATINGS

| WV ($V_{dc}$) | Cap (μF) | Case size φDxL(mm) | ESR (Ωmax./100kHz) | | Rated ripple current (mArms/125℃, 100kHz) | Part No. |
|---|---|---|---|---|---|---|
| | | | 20℃ | -40℃ | | |
| 25 | 510 | 10×12.5 | 0.14 | 2.1 | 900 | EGXF250E□□511MJC5S |
| | 750 | 10×16 | 0.094 | 1.5 | 1,300 | EGXF250E□□751MJ16S |
| | 910 | 12.5×15 | 0.082 | 1.1 | 1,220 | EGXF250E□□911MK15S |
| | 1,200 | 10×20 | 0.073 | 1.1 | 1,540 | EGXF250E□□122MJ20S |
| | 1,200 | 14.5×15 | 0.067 | 0.80 | 1,320 | EGXF250E□□122MU15S |
| | 1,500 | 10×25 | 0.042 | 0.24 | 1,880 | EGXF250E□□152MJ25S |
| | 1,600 | 16×15 | 0.063 | 0.76 | 1,430 | EGXF250E□□162ML15S |
| | 1,800 | 12.5×20 | 0.038 | 0.19 | 1,590 | EGXF250E□□182MK20S |
| | 2,000 | 10×30 | 0.033 | 0.19 | 2,150 | EGXF250E□□202MJ30S |
| | 2,200 | 14.5×20 | 0.030 | 0.17 | 1,780 | EGXF250E□□222MU20S |
| | 2,400 | 18×15 | 0.053 | 0.51 | 1,630 | EGXF250E□□242MM15S |
| | 2,700 | 12.5×25 | 0.030 | 0.14 | 2,280 | EGXF250E□□272MK25S |
| | 3,000 | 16×20 | 0.029 | 0.13 | 1,890 | EGXF250E□□302ML20S |
| | 3,300 | 12.5×30 | 0.025 | 0.10 | 2,760 | EGXF250E□□332MK30S |
| | 3,600 | 14.5×25 | 0.025 | 0.11 | 2,760 | EGXF250E□□362MU25S |
| | 4,300 | 12.5×35 | 0.022 | 0.080 | 3,120 | EGXF250E□□432MK35S |
| | 4,300 | 16×25 | 0.022 | 0.092 | 3,030 | EGXF250E□□432ML25S |
| | 4,300 | 18×20 | 0.028 | 0.10 | 1,930 | EGXF250E□□432MM20S |
| | 4,700 | 14.5×30 | 0.020 | 0.081 | 3,090 | EGXF250E□□472MU30S |
| | 5,100 | 12.5×40 | 0.019 | 0.068 | 3,610 | EGXF250E□□512MK40S |
| | 5,100 | 14.5×35 | 0.018 | 0.065 | 3,430 | EGXF250E□□512MU35S |
| | 5,100 | 16×30 | 0.018 | 0.071 | 3,330 | EGXF250E□□512ML30S |
| | 5,600 | 18×25 | 0.020 | 0.078 | 3,200 | EGXF250E□□562MM25S |
| | 6,800 | 14.5×40 | 0.016 | 0.054 | 3,820 | EGXF250E□□682MU40S |
| | 6,800 | 16×35 | 0.016 | 0.056 | 3,630 | EGXF250E□□682ML35S |
| | 7,500 | 18×30 | 0.016 | 0.060 | 3,480 | EGXF250E□□752MM30S |
| | 8,200 | 16×40 | 0.015 | 0.048 | 3,930 | EGXF250E□□822ML40S |
| | 9,100 | 18×35 | 0.015 | 0.049 | 3,750 | EGXF250E□□912MM35S |
| | 11,000 | 18×40 | 0.014 | 0.043 | 4,040 | EGXF250E□□113MM40S |
| 35 | 300 | 10×12.5 | 0.14 | 2.1 | 900 | EGXF350E□□301MJC5S |
| | 510 | 10×16 | 0.094 | 1.5 | 1,300 | EGXF350E□□511MJ16S |
| | 560 | 12.5×15 | 0.082 | 1.1 | 1,220 | EGXF350E□□561MK15S |
| | 680 | 10×20 | 0.073 | 1.1 | 1,540 | EGXF350E□□681MJ20S |
| | 750 | 14.5×15 | 0.067 | 0.80 | 1,320 | EGXF350E□□751MU15S |
| | 820 | 10×25 | 0.042 | 0.24 | 1,880 | EGXF350E□□821MJ25S |
| | 1,100 | 12.5×20 | 0.038 | 0.19 | 1,590 | EGXF350E□□112MK20S |
| | 1,100 | 16×15 | 0.063 | 0.76 | 1,430 | EGXF350E□□112ML15S |
| | 1,200 | 10×30 | 0.033 | 0.19 | 2,150 | EGXF350E□□122MJ30S |
| | 1,500 | 12.5×25 | 0.030 | 0.14 | 2,280 | EGXF350E□□152MK25S |
| | 1,500 | 14.5×20 | 0.030 | 0.17 | 1,780 | EGXF350E□□152MU20S |
| | 1,500 | 18×15 | 0.053 | 0.51 | 1,630 | EGXF350E□□152MM15S |
| | 2,000 | 12.5×30 | 0.025 | 0.10 | 2,760 | EGXF350E□□202MK30S |
| | 2,000 | 16×20 | 0.029 | 0.13 | 1,890 | EGXF350E□□202ML20S |
| | 2,200 | 14.5×25 | 0.025 | 0.11 | 2,760 | EGXF350E□□222MU25S |
| | 2,400 | 12.5×35 | 0.022 | 0.080 | 3,120 | EGXF350E□□242MK35S |
| | 2,400 | 16×25 | 0.022 | 0.092 | 3,030 | EGXF350E□□242ML25S |
| | 2,400 | 18×20 | 0.028 | 0.10 | 1,930 | EGXF350E□□242MM20S |
| | 2,700 | 12.5×40 | 0.019 | 0.068 | 3,610 | EGXF350E□□272MK40S |
| | 2,700 | 14.5×30 | 0.020 | 0.081 | 3,090 | EGXF350E□□272MU30S |
| | 3,000 | 14.5×35 | 0.018 | 0.065 | 3,430 | EGXF350E□□302MU35S |
| | 3,300 | 16×30 | 0.018 | 0.071 | 3,330 | EGXF350E□□332ML30S |
| | 3,300 | 18×25 | 0.020 | 0.078 | 3,200 | EGXF350E□□332MM25S |
| | 3,900 | 14.5×40 | 0.016 | 0.054 | 3,820 | EGXF350E□□392MU40S |
| | 4,300 | 16×35 | 0.016 | 0.056 | 3,630 | EGXF350E□□432ML35S |
| | 4,300 | 18×30 | 0.016 | 0.060 | 3,480 | EGXF350E□□432MM30S |
| | 4,700 | 16×40 | 0.015 | 0.048 | 3,930 | EGXF350E□□472ML40S |
| | 5,100 | 18×35 | 0.015 | 0.049 | 3,750 | EGXF350E□□512MM35S |
| | 6,200 | 18×40 | 0.014 | 0.043 | 4,040 | EGXF350E□□622MM40S |
| 50 | 160 | 10×12.5 | 0.24 | 3.6 | 730 | EGXF500E□□161MJC5S |
| | 240 | 10×16 | 0.16 | 2.5 | 1,080 | EGXF500E□□241MJ16S |
| | 270 | 12.5×15 | 0.14 | 1.8 | 1,020 | EGXF500E□□271MK15S |
| | 330 | 10×20 | 0.12 | 1.8 | 1,290 | EGXF500E□□331MJ20S |
| | 390 | 14.5×15 | 0.12 | 1.4 | 1,090 | EGXF500E□□391MU15S |
| | 430 | 10×25 | 0.055 | 0.31 | 1,740 | EGXF500E□□431MJ25S |
| | 510 | 12.5×20 | 0.049 | 0.24 | 1,410 | EGXF500E□□511MK20S |
| | 560 | 10×30 | 0.041 | 0.25 | 2,020 | EGXF500E□□561MJ30S |
| | 560 | 16×15 | 0.11 | 1.3 | 1,190 | EGXF500E□□561ML15S |
| 50 | 680 | 14.5×20 | 0.038 | 0.22 | 1,610 | EGXF500E□□681MU20S |
| | 750 | 12.5×25 | 0.038 | 0.18 | 2,030 | EGXF500E□□751MK25S |
| | 750 | 18×15 | 0.085 | 0.87 | 1,370 | EGXF500E□□751MM15S |
| | 910 | 16×20 | 0.037 | 0.17 | 1,740 | EGXF500E□□911ML20S |
| | 1,000 | 12.5×30 | 0.031 | 0.14 | 2,510 | EGXF500E□□102MK30S |
| | 1,000 | 14.5×25 | 0.031 | 0.14 | 2,480 | EGXF500E□□102MU25S |
| | 1,200 | 12.5×35 | 0.027 | 0.11 | 2,900 | EGXF500E□□122MK35S |
| | 1,200 | 18×20 | 0.036 | 0.14 | 1,830 | EGXF500E□□122MM20S |
| | 1,300 | 14.5×30 | 0.026 | 0.11 | 2,870 | EGXF500E□□132MU30S |
| | 1,300 | 16×25 | 0.027 | 0.13 | 2,690 | EGXF500E□□132ML25S |
| | 1,500 | 12.5×40 | 0.023 | 0.090 | 3,260 | EGXF500E□□152MK40S |
| | 1,500 | 14.5×35 | 0.023 | 0.085 | 3,160 | EGXF500E□□152MU35S |
| | 1,600 | 16×30 | 0.023 | 0.094 | 3,150 | EGXF500E□□162ML30S |
| | 1,800 | 18×25 | 0.025 | 0.11 | 2,900 | EGXF500E□□182MM25S |
| | 2,000 | 14.5×40 | 0.020 | 0.072 | 3,560 | EGXF500E□□202MU40S |
| | 2,000 | 16×35 | 0.020 | 0.074 | 3,470 | EGXF500E□□202ML35S |
| | 2,200 | 18×30 | 0.021 | 0.079 | 3,330 | EGXF500E□□222MM30S |
| | 2,400 | 16×40 | 0.018 | 0.063 | 3,800 | EGXF500E□□242ML40S |
| | 2,700 | 18×35 | 0.019 | 0.065 | 3,590 | EGXF500E□□272MM35S |
| | 3,300 | 18×40 | 0.017 | 0.058 | 3,850 | EGXF500E□□332MM40S |
| 63 | 390 | 12.5×20 | 0.097 | 0.75 | 1,310 | EGXF630E□□391MK20S |
| | 510 | 12.5×25 | 0.072 | 0.55 | 1,880 | EGXF630E□□511MK25S |
| | 510 | 14.5×20 | 0.072 | 0.59 | 1,510 | EGXF630E□□511MU20S |
| | 620 | 16×20 | 0.062 | 0.39 | 1,630 | EGXF630E□□621ML20S |
| | 680 | 12.5×30 | 0.052 | 0.37 | 2,410 | EGXF630E□□681MK30S |
| | 680 | 14.5×25 | 0.054 | 0.40 | 2,130 | EGXF630E□□681MU25S |
| | 820 | 12.5×35 | 0.044 | 0.29 | 2,760 | EGXF630E□□821MK35S |
| | 820 | 18×20 | 0.055 | 0.29 | 1,750 | EGXF630E□□821MM20S |
| | 910 | 14.5×30 | 0.042 | 0.30 | 2,700 | EGXF630E□□911MU30S |
| | 910 | 16×25 | 0.047 | 0.27 | 2,300 | EGXF630E□□911ML25S |
| | 1,000 | 12.5×40 | 0.038 | 0.26 | 3,080 | EGXF630E□□102MK40S |
| | 1,100 | 14.5×35 | 0.037 | 0.24 | 2,940 | EGXF630E□□112MU35S |
| | 1,100 | 16×30 | 0.037 | 0.23 | 2,940 | EGXF630E□□112ML30S |
| | 1,200 | 18×25 | 0.044 | 0.22 | 2,440 | EGXF630E□□122MM25S |
| | 1,300 | 14.5×40 | 0.032 | 0.20 | 3,350 | EGXF630E□□132MU40S |
| | 1,300 | 16×35 | 0.031 | 0.17 | 3,220 | EGXF630E□□132ML35S |
| | 1,500 | 18×30 | 0.037 | 0.18 | 3,100 | EGXF630E□□152MM30S |
| | 1,800 | 16×40 | 0.028 | 0.15 | 3,590 | EGXF630E□□182ML40S |
| | 2,000 | 18×35 | 0.028 | 0.13 | 3,450 | EGXF630E□□202MM35S |
| | 2,400 | 18×40 | 0.023 | 0.10 | 3,690 | EGXF630E□□242MM40S |
| 80 | 240 | 12.5×20 | 0.097 | 0.75 | 1,310 | EGXF800E□□241MK20S |
| | 330 | 12.5×25 | 0.072 | 0.55 | 1,880 | EGXF800E□□331MK25S |
| | 330 | 14.5×20 | 0.072 | 0.59 | 1,510 | EGXF800E□□331MU20S |
| | 390 | 16×20 | 0.062 | 0.39 | 1,630 | EGXF800E□□391ML20S |
| | 430 | 12.5×30 | 0.052 | 0.37 | 2,410 | EGXF800E□□431MK30S |
| | 470 | 14.5×25 | 0.054 | 0.40 | 2,130 | EGXF800E□□471MU25S |
| | 560 | 12.5×35 | 0.044 | 0.29 | 2,760 | EGXF800E□□561MK35S |
| | 560 | 16×25 | 0.047 | 0.27 | 2,300 | EGXF800E□□561ML25S |
| | 560 | 18×20 | 0.055 | 0.29 | 1,750 | EGXF800E□□561MM20S |
| | 620 | 12.5×40 | 0.038 | 0.26 | 3,080 | EGXF800E□□621MK40S |
| | 620 | 14.5×30 | 0.042 | 0.30 | 2,700 | EGXF800E□□621MU30S |
| | 680 | 14.5×35 | 0.037 | 0.24 | 2,940 | EGXF800E□□681MU35S |
| | 680 | 16×30 | 0.037 | 0.23 | 2,940 | EGXF800E□□681ML30S |
| | 750 | 18×25 | 0.044 | 0.22 | 2,440 | EGXF800E□□751MM25S |
| | 820 | 14.5×40 | 0.032 | 0.20 | 3,350 | EGXF800E□□821MU40S |
| | 910 | 16×35 | 0.031 | 0.17 | 3,220 | EGXF800E□□911ML35S |
| | 910 | 18×30 | 0.037 | 0.18 | 3,100 | EGXF800E□□911MM30S |
| | 1,100 | 16×40 | 0.028 | 0.15 | 3,590 | EGXF800E□□112ML40S |
| | 1,300 | 18×35 | 0.028 | 0.13 | 3,450 | EGXF800E□□132MM35S |
| | 1,500 | 18×40 | 0.023 | 0.10 | 3,690 | EGXF800E□□152MM40S |
| 100 | 130 | 12.5×20 | 0.12 | 0.94 | 1,210 | EGXF101E□□131MK20S |
| | 180 | 14.5×20 | 0.082 | 0.69 | 1,450 | EGXF101E□□181MU20S |
| | 200 | 12.5×25 | 0.082 | 0.70 | 1,800 | EGXF101E□□201MK25S |
| | 240 | 12.5×30 | 0.062 | 0.52 | 2,290 | EGXF101E□□241MK30S |
| | 240 | 16×20 | 0.071 | 0.53 | 1,580 | EGXF101E□□241ML20S |
| | 270 | 14.5×25 | 0.064 | 0.52 | 2,050 | EGXF101E□□271MU25S |
| | 330 | 12.5×35 | 0.051 | 0.38 | 2,680 | EGXF101E□□331MK35S |

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# GXF Series

## ◆STANDARD RATINGS

is not solvent resistant.

| WV ($V_{dc}$) | Cap (μF) | Case size φDxL(mm) | ESR (Ωmax./100kHz) 20℃ | ESR (Ωmax./100kHz) -40℃ | Rated ripple current (mArms/125℃, 100kHz) | Part No. |
|---|---|---|---|---|---|---|
| 100 | 330 | 16×25 | 0.057 | 0.39 | 2,190 | EGXF101E□□331ML25S |
| | 330 | 18×20 | 0.069 | 0.39 | 1,690 | EGXF101E□□331MM20S |
| | 360 | 14.5×30 | 0.050 | 0.40 | 2,620 | EGXF101E□□361MU30S |
| | 390 | 12.5×40 | 0.044 | 0.33 | 2,970 | EGXF101E□□391MK40S |
| | 390 | 14.5×35 | 0.044 | 0.33 | 2,850 | EGXF101E□□391MU35S |
| | 390 | 16×30 | 0.044 | 0.33 | 2,770 | EGXF101E□□391ML30S |
| | 430 | 18×25 | 0.054 | 0.32 | 2,310 | EGXF101E□□431MM25S |
| | 510 | 14.5×40 | 0.038 | 0.26 | 3,230 | EGXF101E□□511MU40S |
| | 510 | 16×35 | 0.037 | 0.26 | 3,010 | EGXF101E□□511ML35S |
| | 560 | 18×30 | 0.043 | 0.26 | 2,830 | EGXF101E□□561MM30S |
| | 620 | 16×40 | 0.032 | 0.21 | 3,320 | EGXF101E□□621ML40S |
| | 680 | 18×35 | 0.034 | 0.19 | 3,210 | EGXF101E□□681MM35S |
| | 820 | 18×40 | 0.029 | 0.16 | 3,410 | EGXF101E□□821MM40S |
| 160 | 51 | 10×20 | — | — | 900 | EGXF161E□□510MJ20S |
| | 62 | 10×25 | — | — | 1,200 | EGXF161E□□620MJ25S |
| | 75 | 12.5×20 | — | — | 1,220 | EGXF161E□□750MK20S |
| | 82 | 10×30 | — | — | 1,410 | EGXF161E□□820MJ30S |
| | 100 | 10×35 | — | — | 1,600 | EGXF161E□□101MJ35S |
| | 100 | 14.5×20 | — | — | 1,340 | EGXF161E□□101MU20S |
| | 110 | 12.5×25 | — | — | 1,510 | EGXF161E□□111MK25S |
| | 120 | 10×40 | — | — | 1,790 | EGXF161E□□121MJ40S |
| | 130 | 16×20 | — | — | 1,500 | EGXF161E□□131ML20S |
| | 150 | 12.5×30 | — | — | 1,770 | EGXF161E□□151MK30S |
| | 150 | 14.5×25 | — | — | 1,610 | EGXF161E□□151MU25S |
| | 180 | 12.5×35 | — | — | 1,970 | EGXF161E□□181MK35S |
| | 180 | 14.5×30 | — | — | 1,880 | EGXF161E□□181MU30S |
| | 180 | 18×20 | — | — | 1,730 | EGXF161E□□181MM20S |
| | 200 | 12.5×40 | — | — | 2,150 | EGXF161E□□201MK40S |
| | 200 | 16×25 | — | — | 1,850 | EGXF161E□□201ML25S |
| | 220 | 14.5×35 | — | — | 2,030 | EGXF161E□□221MU35S |
| | 240 | 18×25 | — | — | 2,050 | EGXF161E□□241MM25S |
| | 270 | 14.5×40 | — | — | 2,250 | EGXF161E□□271MU40S |
| 200 | 36 | 10×20 | — | — | 900 | EGXF201E□□360MJ20S |
| | 43 | 10×25 | — | — | 1,200 | EGXF201E□□430MJ25S |
| | 56 | 12.5×20 | — | — | 1,220 | EGXF201E□□560MK20S |
| | 62 | 10×30 | — | — | 1,410 | EGXF201E□□620MJ30S |
| | 75 | 10×35 | — | — | 1,600 | EGXF201E□□750MJ35S |
| | 75 | 14.5×20 | — | — | 1,340 | EGXF201E□□750MU20S |
| | 82 | 10×40 | — | — | 1,790 | EGXF201E□□820MJ40S |
| | 82 | 12.5×25 | — | — | 1,510 | EGXF201E□□820MK25S |
| | 100 | 12.5×30 | — | — | 1,770 | EGXF201E□□101MK30S |
| | 100 | 16×20 | — | — | 1,500 | EGXF201E□□101ML20S |
| | 110 | 14.5×25 | — | — | 1,610 | EGXF201E□□111MU25S |
| | 130 | 12.5×35 | — | — | 1,970 | EGXF201E□□131MK35S |
| | 130 | 14.5×30 | — | — | 1,880 | EGXF201E□□131MU30S |
| | 130 | 18×20 | — | — | 1,730 | EGXF201E□□131MM20S |
| | 150 | 12.5×40 | — | — | 2,150 | EGXF201E□□151MK40S |
| | 150 | 16×25 | — | — | 1,850 | EGXF201E□□151ML25S |
| | 160 | 14.5×35 | — | — | 2,030 | EGXF201E□□161MU35S |
| | 180 | 18×25 | — | — | 2,050 | EGXF201E□□181MM25S |
| | 200 | 14.5×40 | — | — | 2,250 | EGXF201E□□201MU40S |
| 250 | 24 | 10×20 | — | — | 900 | EGXF251E□□240MJ20S |
| | 30 | 10×25 | — | — | 1,200 | EGXF251E□□300MJ25S |
| | 36 | 12.5×20 | — | — | 1,220 | EGXF251E□□360MK20S |
| 250 | 39 | 10×30 | — | — | 1,410 | EGXF251E□□390MJ30S |
| | 47 | 10×35 | — | — | 1,600 | EGXF251E□□470MJ35S |
| | 51 | 12.5×25 | — | — | 1,510 | EGXF251E□□510MK25S |
| | 51 | 14.5×20 | — | — | 1,340 | EGXF251E□□510MU20S |
| | 56 | 10×40 | — | — | 1,790 | EGXF251E□□560MJ40S |
| | 62 | 16×20 | — | — | 1,500 | EGXF251E□□620ML20S |
| | 68 | 12.5×30 | — | — | 1,770 | EGXF251E□□680MK30S |
| | 68 | 14.5×25 | — | — | 1,610 | EGXF251E□□680MU25S |
| | 82 | 12.5×35 | — | — | 1,970 | EGXF251E□□820MK35S |
| | 82 | 18×20 | — | — | 1,730 | EGXF251E□□820MM20S |
| | 91 | 14.5×30 | — | — | 1,880 | EGXF251E□□910MU30S |
| | 91 | 16×25 | — | — | 1,850 | EGXF251E□□910ML25S |
| | 100 | 12.5×40 | — | — | 2,150 | EGXF251E□□101MK40S |
| | 100 | 14.5×35 | — | — | 2,030 | EGXF251E□□101MU35S |
| | 120 | 18×25 | — | — | 2,050 | EGXF251E□□121MM25S |
| | 130 | 14.5×40 | — | — | 2,250 | EGXF251E□□131MU40S |
| 350 | 16 | 10×20 | — | — | 460 | EGXF351E□□160MJ20S |
| | 20 | 10×25 | — | — | 610 | EGXF351E□□200MJ25S |
| | 24 | 12.5×20 | — | — | 680 | EGXF351E□□240MK20S |
| | 27 | 10×30 | — | — | 720 | EGXF351E□□270MJ30S |
| | 33 | 10×35 | — | — | 820 | EGXF351E□□330MJ35S |
| | 33 | 14.5×20 | — | — | 870 | EGXF351E□□330MU20S |
| | 36 | 10×40 | — | — | 940 | EGXF351E□□360MJ40S |
| | 36 | 12.5×25 | — | — | 980 | EGXF351E□□360MK25S |
| | 43 | 16×20 | — | — | 970 | EGXF351E□□430ML20S |
| | 47 | 12.5×30 | — | — | 1,210 | EGXF351E□□470MK30S |
| | 47 | 14.5×25 | — | — | 1,210 | EGXF351E□□470MU25S |
| | 56 | 12.5×35 | — | — | 1,330 | EGXF351E□□560MK35S |
| | 56 | 16×25 | — | — | 1,130 | EGXF351E□□560ML25S |
| | 56 | 18×20 | — | — | 1,060 | EGXF351E□□560MM20S |
| | 62 | 14.5×30 | — | — | 1,410 | EGXF351E□□620MU30S |
| | 68 | 12.5×40 | — | — | 1,450 | EGXF351E□□680MK40S |
| | 68 | 14.5×35 | — | — | 1,590 | EGXF351E□□680MU35S |
| | 75 | 18×25 | — | — | 1,200 | EGXF351E□□750MM25S |
| | 91 | 14.5×40 | — | — | 1,820 | EGXF351E□□910MU40S |
| 400 | 12 | 10×20 | — | — | 460 | EGXF401E□□120MJ20S |
| | 16 | 10×25 | — | — | 610 | EGXF401E□□160MJ25S |
| | 20 | 10×30 | — | — | 720 | EGXF401E□□200MJ30S |
| | 20 | 12.5×20 | — | — | 680 | EGXF401E□□200MK20S |
| | 24 | 10×35 | — | — | 820 | EGXF401E□□240MJ35S |
| | 24 | 14.5×20 | — | — | 870 | EGXF401E□□240MU20S |
| | 27 | 12.5×25 | — | — | 980 | EGXF401E□□270MK25S |
| | 30 | 10×40 | — | — | 940 | EGXF401E□□300MJ40S |
| | 33 | 16×20 | — | — | 970 | EGXF401E□□330ML20S |
| | 36 | 12.5×30 | — | — | 1,210 | EGXF401E□□360MK30S |
| | 36 | 14.5×25 | — | — | 1,210 | EGXF401E□□360MU25S |
| | 43 | 12.5×35 | — | — | 1,330 | EGXF401E□□430MK35S |
| | 43 | 18×20 | — | — | 1,060 | EGXF401E□□430MM20S |
| | 47 | 14.5×30 | — | — | 1,410 | EGXF401E□□470MU30S |
| | 47 | 16×25 | — | — | 1,130 | EGXF401E□□470ML25S |
| | 51 | 12.5×40 | — | — | 1,450 | EGXF401E□□510MK40S |
| | 56 | 14.5×35 | — | — | 1,590 | EGXF401E□□560MU35S |
| | 62 | 18×25 | — | — | 1,200 | EGXF401E□□620MM25S |
| | 68 | 14.5×40 | — | — | 1,820 | EGXF401E□□680MU40S |

□□ : Enter the appropriate lead forming or taping code.

## ◆RATED RIPPLE CURRENT MULTIPLIERS

❶Frequency Multipliers

(25 to 100$V_{dc}$)

| Capacitance(μF) \ Frequency(Hz) | 120 | 1k | 10k | 100k |
|---|---|---|---|---|
| 130 to 240 | 0.40 | 0.82 | 0.93 | 1.00 |
| 270 to 560 | 0.50 | 0.85 | 0.94 | 1.00 |
| 620 to 2,000 | 0.60 | 0.87 | 0.95 | 1.00 |
| 2,200 to 4,300 | 0.75 | 0.90 | 0.95 | 1.00 |
| 4,700 to 11,000 | 0.85 | 0.95 | 0.98 | 1.00 |

(160 to 400$V_{dc}$)

| Capacitance(μF) \ Frequency(Hz) | 50 | 120 | 300 | 1k | 10k | 100k |
|---|---|---|---|---|---|---|
| 12 to 33 | 0.15 | 0.30 | 0.45 | 0.65 | 0.95 | 1.00 |
| 36 to 270 | 0.25 | 0.35 | 0.50 | 0.70 | 0.96 | 1.00 |

Please contact us for lifetime estimation.

Product specifications in this catalog are subject to change without notice.Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.