

Line up

Surface mount type

| Series | Part No. | Features | Small size | Large cap. | High ripple | High temp. | Long life | Category temperature range (°C) | Rated voltage range (V) | ESR (mΩ) | Capacitance range (μF) | Size code | Size (mm) | |
|------------------|-----------|--|------------|------------|-------------|------------|------------|---------------------------------|-------------------------|-------------|------------------------|-----------|-----------|------|
| | | | | | | | | | | | | | øD | L |
| ZA | EEHZA--- | Low ESR High ripple current Long life 105 °C 10000 h | ● | | | | | -55 to 105 | 25 to 50 | 80 to 120 | 10 to 33 | C | 5.0 | 5.8 |
| | | | | | | | | | 25 to 63 | 50 to 120 | 10 to 56 | D | 6.3 | 5.8 |
| | | | | | | | | | | 30 to 80 | 22 to 100 | D8 | 6.3 | 7.7 |
| | | | | | | | | | 25 to 80 | 27 to 45 | 22 to 220 | F | 8.0 | 10.2 |
| 20 to 36 | 33 to 330 | G | 10.0 | 10.2 | | | | | | | | | | |
| ZC | EEHZC--- | Low ESR High ripple current Long life 125 °C 4000 h | ● | | | | -55 to 125 | 25 to 50 | 80 to 120 | 10 to 33 | C | 5.0 | 5.8 | |
| | | | | | | | | 25 to 63 | 50 to 120 | 10 to 56 | D | 6.3 | 5.8 | |
| | | | | | | | | | 30 to 80 | 22 to 100 | D8 | 6.3 | 7.7 | |
| | | | | | | | | 25 to 80 | 27 to 45 | 22 to 220 | F | 8.0 | 10.2 | |
| 20 to 36 | 33 to 330 | G | 10.0 | 10.2 | | | | | | | | | | |
| ZK | EEHZK--- | Large capacitance High ripple current Long life 125 °C 4000 h | ● | ● | ● | | -55 to 125 | 25 to 35 | 80 to 100 | 33 to 47 | C | 5.0 | 5.8 | |
| | | | | | | | | | 50 to 60 | 56 to 82 | D | 6.3 | 5.8 | |
| | | | | | | | | | 30 to 35 | 100 to 150 | D8 | 6.3 | 7.7 | |
| | | | | | | | | | 27 | 180 to 270 | F | 8.0 | 10.2 | |
| | | | | | | | | | 20 | 330 to 470 | G | 10.0 | 10.2 | |
| ZKU | EEHZK--U- | Large capacitance Long life 125 °C 4000 h | ● | ● | ● | | -55 to 125 | 25 to 35 | 80 to 100 | 39 to 56 | C | 5.0 | 5.8 | |
| | | | | | | | | | 50 to 60 | 68 to 100 | D | 6.3 | 5.8 | |
| | | | | | | | | | 30 to 35 | 120 to 180 | D8 | 6.3 | 7.7 | |
| | | | | | | | | | 27 | 220 to 330 | F | 8.0 | 10.2 | |
| | | | | | | | | | 20 | 390 to 560 | G | 10.0 | 10.2 | |
| NEW ZL | EEHZL--- | 125 °C 4000 h 135 °C 4000 h | ● | ● | ● | | -55 to 135 | 25 to 35 | 58 to 60 | 47 to 82 | C | 5.0 | 5.8 | |
| | | | | | | | | | 38 to 40 | 82 to 150 | D | 6.3 | 5.8 | |
| | | | | | | | | | 24 to 26 | 150 to 220 | D8 | 6.3 | 7.7 | |
| | | | | | | | | | 18 to 20 | 270 to 470 | F | 8.0 | 10.2 | |
| | | | | | | | | | 14 to 16 | 470 to 680 | G | 10.0 | 10.2 | |
| ZT | EEHZT--- | 125 °C 4000 h | | ● | ● | | -55 to 125 | 25 to 63 | 22 to 32 | 33 to 220 | F | 8.0 | 10.2 | |
| | | | | | | | | | 16 to 25 | 56 to 330 | G | 10.0 | 10.2 | |
| ZTU | EEHZT--U- | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | -55 to 135 | 25 to 35 | 22 | 220 to 330 | F | 8.0 | 10.2 | |
| | | | | | | | | | 16 | 390 to 560 | G | 10.0 | 10.2 | |
| NEW ZV | EEHZV--- | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | -55 to 135 | 25 to 63 | 16 to 22 | 33 to 220 | F | 8.0 | 10.2 | |
| | | | | | | | | | 12 to 16 | 56 to 330 | G | 10.0 | 10.2 | |
| ZS | EEHZS--- | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | -55 to 135 | 25 to 63 | 14 to 19 | 100 to 470 | G12 | 10.0 | 12.5 | |
| | | | | | | | | | 11 to 15 | 150 to 560 | G16 | 10.0 | 16.5 | |
| ZSU | EEHZS--U- | 125 °C 4000 h | | ● | ● | | -55 to 125 | 25 to 63 | 14 to 19 | 120 to 680 | G12 | 10.0 | 12.5 | |
| | | | | | | | | | 11 to 15 | 180 to 1000 | G16 | 10.0 | 16.5 | |
| ZU | EEHZU--- | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | -55 to 135 | 25 to 63 | 10 to 12 | 100 to 470 | G12 | 10.0 | 12.5 | |
| | | | | | | | | | 8 to 10 | 150 to 560 | G16 | 10.0 | 16.5 | |
| ZUU | EEHZU--U- | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | -55 to 135 | 25 to 63 | 10 to 12 | 120 to 680 | G12 | 10.0 | 12.5 | |
| | | | | | | | | | 8 to 10 | 180 to 1000 | G16 | 10.0 | 16.5 | |
| ZE | EEHZE--- | 145 °C 2000 h 135 °C 4000 h | | | ● | ● | -55 to 145 | 25 to 63 | 27 to 40 | 33 to 220 | F | 8.0 | 10.2 | |
| | | | | | | | | | 20 to 30 | 56 to 330 | G | 10.0 | 10.2 | |
| ZF | EEHZF--- | 150 °C 1000 h | | | ● | ● | -55 to 150 | 25 to 63 | 27 to 40 | 33 to 150 | F | 8.0 | 10.2 | |
| | | | | | | | | | 20 to 30 | 56 to 270 | G | 10.0 | 10.2 | |

Line up

Radial lead type

| Series | Part No. | Features | Small size | Large cap. | High ripple | High temp. | Long life | Category temperature range (°C) | Rated voltage range (V) | ESR (mΩ) | Capacitance range (μF) | Size code | Size (mm) | |
|-----------|------------|--------------------------------|------------|------------|-------------|------------|-----------|---------------------------------|-------------------------|----------|------------------------|-----------|-----------|------|
| | | | | | | | | | | | | | ∅D | L |
| ZA-A | EEHAZA---B | 105 °C 10000 h | | | | | | -55 to 105 | 25 to 80 | 27 to 45 | 22 to 220 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 to 36 | 33 to 330 | G | 10.0 | 9.5 |
| ZC-A | EEHAZC---B | 125 °C 4000 h | | | | | ● | -55 to 125 | 25 to 80 | 27 to 45 | 22 to 220 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 to 36 | 33 to 330 | G | 10.0 | 9.5 |
| ZK-A | EEHAZK---B | 125 °C 4000 h | | ● | ● | | | -55 to 125 | 25 to 35 | 27 | 180 to 270 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 | 330 to 470 | G | 10.0 | 9.5 |
| ZKU -A | EEHAZK--UB | 125 °C 4000 h | | ● | ● | | | -55 to 125 | 25 to 35 | 27 | 220 to 330 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 | 390 to 560 | G | 10.0 | 9.5 |
| ZT-A | EEHAZT---B | 125 °C 4000 h | | ● | ● | | | -55 to 125 | 25 to 63 | 22 to 32 | 33 to 220 | F | 8.0 | 9.5 |
| | | | | | | | | | | 16 to 25 | 56 to 330 | G | 10.0 | 9.5 |
| ZS-A | EEHAZS---B | 125 °C 4000 h 135 °C 4000 h | | ● | ● | | | -55 to 135 | 25 to 63 | 14 to 19 | 100 to 470 | G12 | 10.0 | 11.7 |
| | | | | | | | | | | 11 to 15 | 150 to 560 | G16 | 10.0 | 15.7 |
| ZSU -A | EEHAZS--UB | 125 °C 4000 h | | ● | ● | | | -55 to 125 | 25 to 63 | 14 to 19 | 120 to 680 | G12 | 10.0 | 11.7 |
| | | | | | | | | | | 11 to 15 | 180 to 1000 | G16 | 10.0 | 15.7 |
| ZE-A | EEHAZE---B | 145 °C 2000 h 135 °C 4000 h | | | | ● | ● | -55 to 145 | 25 to 63 | 27 to 40 | 33 to 220 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 to 30 | 56 to 330 | G | 10.0 | 9.5 |
| ZF-A | EEHAZF---B | 150 °C 1000 h | | | | ● | ● | -55 to 150 | 25 to 63 | 27 to 40 | 33 to 150 | F | 8.0 | 9.5 |
| | | | | | | | | | | 20 to 30 | 56 to 270 | G | 10.0 | 9.5 |