

# ALUMINUM ELECTROLYTIC CAPACITORS

## GXA Series

•Life rating to 5,000 hours at 105°C

•Temperature range -40°C to +105°C

| Rated Voltage (WVDC)            | Part Number   | Capacitance | Case Size ØD x L (mm) | Maximum Ripple Current (A rms) @105°C, 120Hz | Maximum ESR (mΩ) | Typical ESL (nH) |
|---------------------------------|---------------|-------------|-----------------------|--|------------------|------------------|
| <b>350 Volts<br/>(Code: 2V)</b> | GXA2V102YC8R  | 1,000       | 51 X 75               | 3.9  | 70               | 25               |
|                                 | GXA2V122YC8R  | 1,200       | 51 X 75               | 4.2  | 65               | 25               |
|                                 | GXA2V152YC19T | 1,500       | 51 X 96               | 5.2  | 53               | 25               |
|                                 | GXA2V182YC10R | 1,800       | 51 X 96               | 5.7  | 44               | 25               |
|                                 | GXA2V222YC13R | 2,200       | 51 X 130              | 7.1  | 28               | 25               |
|                                 | GXA2V272YD10R | 2,700       | 64 X 96               | 7.7  | 24               | 25               |
|                                 | GXA2V332YD12R | 3,300       | 64 X 115              | 9.1  | 21               | 30               |
|                                 | GXA2V392YD13R | 3,900       | 64 X 130              | 10.4   | 18               | 30               |
|                                 | GXA2V472YD16R | 4,700       | 64 X 155              | 12.2   | 16               | 30               |
|                                 | GXA2V472YE12R |             | 77 X 115              | 11.5   | 14               | 30               |
|                                 | GXA2V562YD20R | 5,600       | 64 X 195              | 14.6   | 14               | 40               |
|                                 | GXA2V562YE13R |             | 77 X 130              | 13.1   | 12               | 40               |
|                                 | GXA2V682YE16R | 6,800       | 77 X 155              | 15.5   | 14               | 50               |
|                                 | GXA2V822YF16R | 8,200       | 90 X 157              | 18.1   | 12               | 50               |
|                                 | GXA2V103YF16R | 10,000      | 90 X 157              | 19.9   | 10               | 50               |
|                                 | GXA2V123YF20R | 12,000      | 90 X 196              | 23.8   | 8                | 50               |
| GXA2V153YF24R                   | 15,000        | 90 X 236    | 28.8                  | 6  | 60               |                  |
| <b>400 Volts<br/>(Code: 2G)</b> | GXA2G102YC8R  | 1,000       | 51 X 75               | 3.9  | 70               | 25               |
|                                 | GXA2G122YC10R | 1,200       | 51 X 96               | 4.6  | 65               | 25               |
|                                 | GXA2G152YC12R | 1,500       | 51 X 115              | 5.6  | 53               | 25               |
|                                 | GXA2G182YC13R | 1,800       | 51 X 130              | 6.4  | 44               | 25               |
|                                 | GXA2G222YD10R | 2,200       | 64 X 96               | 6.9  | 42               | 35               |
|                                 | GXA2G272YD12R | 2,700       | 64 X 115              | 8.2  | 38               | 35               |
|                                 | GXA2G332YD13R | 3,300       | 64 X 130              | 9.5  | 30               | 35               |
|                                 | GXA2G392YD16R | 3,900       | 64 X 155              | 11.1   | 27               | 35               |
|                                 | GXA2G392YE12R |             | 77 X 115              | 10.4   | 24               | 35               |
|                                 | GXA2G472YD20R | 4,700       | 64 X 195              | 13.4   | 20               | 35               |
|                                 | GXA2G472YE13R |             | 77 X 130              | 12.0   | 22               | 35               |
|                                 | GXA2G562YD20R | 5,600       | 64 X 195              | 14.6   | 20               | 50               |
|                                 | GXA2G562YE16R |             | 77 X 155              | 14.0   | 20               | 50               |
|                                 | GXA2G682YF16R | 6,800       | 90 X 157              | 16.5   | 18               | 50               |
|                                 | GXA2G822YF16R | 8,200       | 90 X 157              | 18.1   | 15               | 50               |
|                                 | GXA2G103YF20R | 10,000      | 90 X 196              | 21.7   | 12               | 50               |
| GXA2G123YF24R                   | 12,000        | 90 X 236    | 25.8                  | 9  | 50               |                  |
| <b>450 Volts<br/>(Code: 2W)</b> | GXA2W102YC10R | 1,000       | 51 X 96               | 4.2  | 70               | 25               |
|                                 | GXA2W122YC12R | 1,200       | 51 X 115              | 5.0  | 65               | 25               |
|                                 | GXA2W152YC13R | 1,500       | 51 X 130              | 5.9  | 53               | 25               |
|                                 | GXA2W182YD10R | 1,800       | 64 X 96               | 6.3  | 44               | 25               |
|                                 | GXA2W222YD12R | 2,200       | 64 X 115              | 7.4  | 42               | 35               |
|                                 | GXA2W272YD13R | 2,700       | 64 X 130              | 8.6  | 40               | 35               |
|                                 | GXA2W272YE12R |             | 77 X 115              | 8.7  | 42               | 35               |
|                                 | GXA2W332YD16R | 3,300       | 64 X 155              | 10.2   | 30               | 35               |
|                                 | GXA2W332YE13R |             | 77 X 130              | 10.1   | 35               | 35               |
|                                 | GXA2W392YD20R | 3,900       | 64 X 195              | 12.3   | 27               | 35               |
|                                 | GXA2W472YE16R | 4,700       | 77 X 155              | 12.9   | 24               | 35               |
|                                 | GXA2W562YE20R | 5,600       | 77 X 195              | 15.4   | 22               | 50               |
|                                 | GXA2W562YF16R |             | 90 X 157              | 14.9   | 24               | 50               |
|                                 | GXA2W682YF20R | 6,800       | 90 X 196              | 18.0   | 20               | 50               |
|                                 | GXA2W822YF20R | 8,200       | 90 X 196              | 19.8   | 18               | 50               |
|                                 | GXA2W103YF24R | 10,000      | 90 X 236              | 23.6   | 15               | 50               |