

ALUMINUM ELECTROLYTIC CAPACITORS

GXR Series



- Life rating to 5,000 hours at 85°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	Typical ESR (mΩ) @20° C, 120Hz	Typical ESL (nH)
350 Volts (Code: 2V)	GXR2V272YD10T	2,700	64 X 100	8.9	25	22
	GXR2V332YD12T	3,300	64 X 115	10.3	22	22
	GXR2V392YD13T	3,900	64 X 131	11.8	19	22
	GXR2V472YD16T	4,700	64 X 155	13.9	16	22
	GXR2V472YE12T		77 X 121	15.2	15	35
	GXR2V472YF11T		90 X 106	15.7	16	45
	GXR2V562YE13T	5,600	77 X 137	17.4	15	40
	GXR2V562YF12T		90 X 121	18.2	15	50
	GXR2V682YE16T	6,800	77 X 161	20.5	13	40
	GXR2V682YF13T		90 X 137	21.0	14	50
GXR2V822YF16T	8,200	90 X 161	24.8	8	50	
GXR2V103YF16T	10,000	90 X 161	27.4	8	50	
400 Volts (Code: 2G)	GXR2G222YD10T	2,200	64 X 100	8.0	28	22
	GXR2G272YD12T	2,700	64 X 115	9.3	24	22
	GXR2G332YD13T	3,300	64 X 131	10.9	21	22
	GXR2G392YD16T	3,900	64 X 155	12.7	18	22
	GXR2G392YE12T		77 X 121	13.8	17	35
	GXR2G392YF11T		90 X 106	14.8	18	45
	GXR2G472YE13T	4,700	77 X 137	15.9	16	40
	GXR2G472YF12T		90 X 121	16.7	17	45
	GXR2G562Y E16T	5,600	77 X 161	18.6	15	40
	GXR2G562YF13T		90 X 137	19.1	16	45
	GXR2G682YF16T	6,800	90 X 161	22.6	13	50
GXR2G822YF16T	8,200	90 X 161	24.8	8	50	
GXR2G103YF18T	10,000	90 X 178	28.3	7	50	
450 Volts (Code: 2W)	GXR2W182YD10T	1,800	64 X 100	7.2	51	22
	GXR2W222YD13T	2,200	64 X 131	8.9	42	22
	GXR2W272YD16T	2,700	64 X 155	10.5	38	22
	GXR2W272YE12T		77 X 121	11.5	26	25
	GXR2W332YE13T	3,300	77 X 137	13.4	21	35
	GXR2W332YF11T		90 X 106	13.1	22	45
	GXR2W392YE16T	3,900	77 X 161	15.5	19	40
	GXR2W392YF12T		90 X 121	15.2	20	50
	GXR2W472YE16T	4,700	77 X 161	17.0	16	40
	GXR2W472YF13T		90 X 137	17.5	18	50
	GXR2W562YF16T	5,600	90 X 161	20.5	17	50
GXR2W682YF18T	6,800	90 X 178	23.3	14	50	

GXA Series, GXR Series, and GX2 Series

Ripple Current Correction Coefficient

Temperature (°C)	40	60	85	105
Correction Coefficient	2.44	2.16	2.00	1.00

Frequency (Hz)	50/60	120	300	1K	≥10K
Correction Coefficient	0.7	1.0	1.1	1.3	1.4