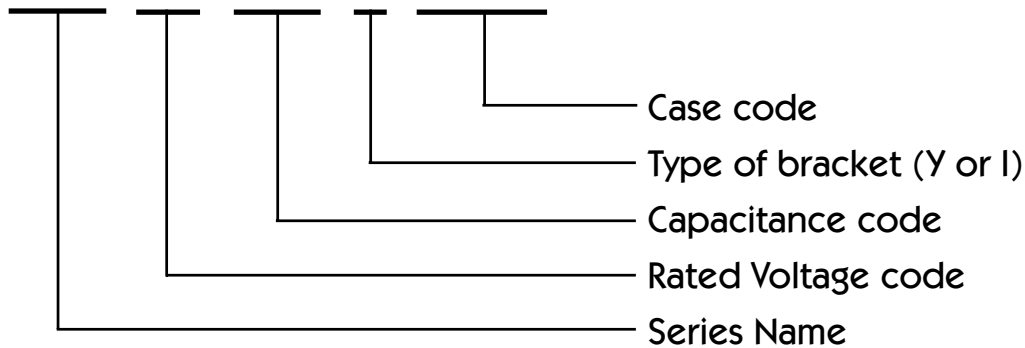


# ALUMINUM ELECTROLYTIC CAPACITORS

## Product Numbering System for FXA, FXR, FX2, GXA, GXR, GX2, GXH and HXA Series

Example: FXA Series, 400V, 4,700 $\mu$ F  $\pm$ 20%, Y bracket, 64 x 155mm

**FXA 2G 472 Y D16R**



**Capacitance Code:** To determine Capacitance code use the first 2 digits of the Capacitance followed by the number of zeros. Using the above example of 4,700: 47 + 2 zeros = 472.

## FXA Series, FXR Series and FX2 Series

Ripple Current Correction Coefficient

Temperature (°C)	40	60	85
Correction Coefficient	1.89	1.67	1.00

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

## FXA Series

•Life rating to 5000 hours at 85°C

•Temperature range -40°C to +85°C

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size $\varnothing$ D x L (mm)	Maximum Ripple Current (A rms) @85°C, 120Hz	Typical ESR (m $\Omega$ ) @20°C, 120Hz	Typical ESL (nH)
350 Volts (Code: 2V)	FXA2V122YC8R	1,200	51 X 75	5.5	65	25
	FXA2V152YC8R	1,500	51 X 75	6.1	53	25
	FXA2V182YC10R	1,800	51 X 96	7.4	44	25
	FXA2V222YC10R	2,200	51 X 96	8.2	28	25
	FXA2V272YC13R	2,700	51 X 130	10.2	27	25
	FXA2V332YC13R	3,300	51 X 130	11.3	21	30
	FXA2V392YD12R	3,900	64 X 115	12.8	18	30
	FXA2V472YD13R	4,700	64 X 130	14.8	16	30
	FXA2V562YD16R	5,600	64 X 155	17.3	14	40
	FXA2V562YE12R		77 X 115	16.3	14	40
	FXA2V682YD20R	6,800	64 X 195	21.1	12	50
	FXA2V682YE13R		77 X 130	18.8	14	50
	FXA2V822YE16R	8,200	77 X 155	22.1	12	50
	FXA2V103YF16R	10,000	90 X 157	25.9	10	50
	FXA2V123YF16R	12,000	90 X 157	28.4	8	50
	FXA2V153YF20R	15,000	90 X 196	34.6	6	60
FXA2V183YF24R	18,000	90 X 236	41.1	5	70	

# ALUMINUM ELECTROLYTIC CAPACITORS

## FXA Series



- Life rating to 5000 hours at 85°C
- Temperature range -40°C to +85°C

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size ØD x L (mm)	Maximum Ripple Current (A rms) @85° C, 120Hz	Typical ESR (mΩ) @20° C, 120Hz	Typical ESL (nH)
400 Volts (Code: 2G)	FXA2G102YC8R	1,000	51 X 75	5.0	78	20
	FXA2G122YC8R	1,200	51 X 75	5.5	69	20
	FXA2G152YC10R	1,500	51 X 96	6.7	50	25
	FXA2G182YC10R	1,800	51 X 96	7.4	40	25
	FXA2G222YC13R	2,200	51 X 130	9.2	28	25
	FXA2G272YD10R	2,700	64 X 96	9.9	24	25
	FXA2G332YD12R	3,300	64 X 115	11.8	21	30
	FXA2G392YD13R	3,900	64 X 130	13.5	18	30
	FXA2G472YD16R	4,700	64 X 155	15.9	16	30
	FXA2G472YE12R		77 X 115	14.9	14	30
	FXA2G562YD20R	5,600	64 X 195	19.1	14	40
	FXA2G562YE13R		77 X 130	17.0	12	40
	FXA2G682YE16R	6,800	77 X 155	20.2	14	50
	FXA2G822YF16R	8,200	90 X 157	23.5	12	50
	FXA2G103YF16R	10,000	90 X 157	25.9	10	50
	FXA2G123YF20R	12,000	90 X 196	31.0	8	50
FXA2G153YF24R	15,000	90 X 236	37.5	6	60	
450 Volts (Code: 2W)	FXA2W102YC8R	1,000	51 X 75	5.0	95	20
	FXA2W122YC10R	1,200	51 X 96	6.0	70	20
	FXA2W152YC12R	1,500	51 X 115	7.2	55	25
	FXA2W182YC13R	1,800	51 X 130	8.3	46	25
	FXA2W222YD10R	2,200	64 X 96	9.0	42	35
	FXA2W272YD12R	2,700	64 X 115	10.7	38	35
	FXA2W332YD13R	3,300	64 X 130	12.4	30	35
	FXA2W392YD16R	3,900	64 X 155	14.5	27	35
	FXA2W392YE12R		77 X 115	13.6	24	35
	FXA2W472YD20R	4,700	64 X 195	17.5	20	35
	FXA2W472YE13R		77 X 130	15.6	22	35
	FXA2W562YE16R	5,600	77 X 155	18.3	20	50
	FXA2W682YF16R	6,800	90 X 157	21.4	18	50
	FXA2W822YF16R	8,200	90 X 157	23.5	15	50
	FXA2W103YF20R	10,000	90 X 196	28.3	12	50
FXA2W123YF24R	12,000	90 X 236	33.6	9	50	

Note: Y bracket is standard character in Part Number (except for 36mm Ø D). If I bracket is required, replace Y with I.