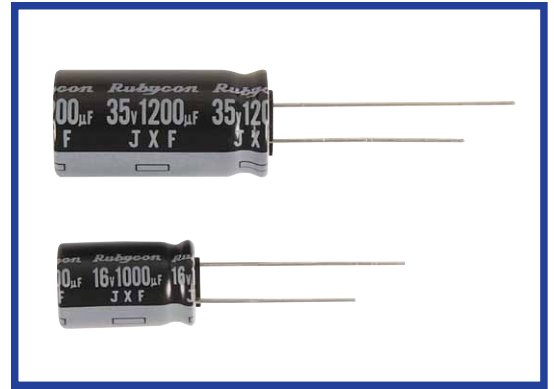


JXF SERIES
NEW
105°C Low Impedance, Wide Temperature Range
◆FEATURES

- 105°C 6000~8000 hours.
- High Ripple Current, Low ESR, High Reliability.
- RoHS compliance.


◆SPECIFICATIONS

Items	Characteristics													
Category Temperature Range	-55~+105°C													
Rated Voltage Range	16~35Vdc													
Capacitance Tolerance	±20% (20°C, 120Hz)													
Leakage Current(MAX)	I=0.01CV or 3µA whichever is greater. (After 2 minutes) I=Leakage Current(µA) C=Capacitance(µF) V=Rated Voltage(Vdc)													
(tanδ) Dissipation Factor(MAX)	<table border="1"> <tr> <td>Rated Voltage (Vdc)</td> <td>16</td> <td>25</td> <td>35</td> <td>(20°C, 120Hz)</td> </tr> <tr> <td>tanδ</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td></td> </tr> </table> <p>When capacitance is over 1000µF, tanδ shall be added 0.02 to the listed value with increase of every 1000µF.</p>	Rated Voltage (Vdc)	16	25	35	(20°C, 120Hz)	tanδ	0.16	0.14	0.12				
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Endurance	<p>After applying rated voltage with rated ripple current for specified time at 105°C, the capacitors shall meet the following requirements.</p> <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±30% of the initial value.</td> <td rowspan="3"> <table border="1"> <tr> <td>Case Size</td> <td>Life Time (hrs)</td> </tr> <tr> <td>φD=10</td> <td>6000</td> </tr> <tr> <td>φD≥12.5</td> <td>8000</td> </tr> </table> </td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 300% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	Capacitance Change	Within ±30% of the initial value.	<table border="1"> <tr> <td>Case Size</td> <td>Life Time (hrs)</td> </tr> <tr> <td>φD=10</td> <td>6000</td> </tr> <tr> <td>φD≥12.5</td> <td>8000</td> </tr> </table>	Case Size	Life Time (hrs)	φD=10	6000	φD≥12.5	8000	Dissipation Factor	Not more than 300% of the specified value.	Leakage Current	Not more than the specified value.
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Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <tr> <td>Rated Voltage (Vdc)</td> <td>16</td> <td>25</td> <td>35</td> <td>(120Hz)</td> </tr> <tr> <td>Z(-55°C)/Z(20°C)</td> <td>3</td> <td>3</td> <td>3</td> <td></td> </tr> </table>	Rated Voltage (Vdc)	16	25	35	(120Hz)	Z(-55°C)/Z(20°C)	3	3	3				
Rated Voltage (Vdc)	16	25	35	(120Hz)										
Z(-55°C)/Z(20°C)	3	3	3											

MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		120	1k	10k	100k≤
Coefficient	470~680µF	0.55	0.77	0.94	1.00
	820~1800µF	0.60	0.80	0.96	1.00
	2200~10000µF	0.70	0.85	0.98	1.00

◆OPTION

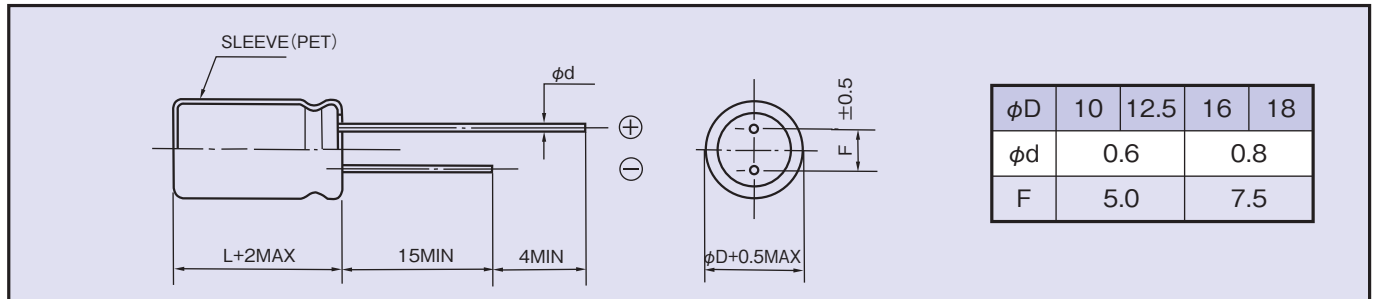
	Code
PET Sleeve	EFC

◆PART NUMBER

□□□	JXF	□□□□□	M	□□□	□□	DXL
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆ DIMENSIONS

(mm)


◆ STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size $\phi D \times L$ (mm)	Rated ripple current (mA _{rms} /105°C, 100kHz)	Impedance (Ω MAX)	
				20°C, 100kHz	-10°C, 100kHz
16	1000	10×16	1180	0.061	0.122
	1500	10×20	1490	0.045	0.090
	1800	10×25	1710	0.037	0.074
	2200	12.5×20	1780	0.038	0.076
	3300	12.5×25	2170	0.030	0.060
	3900	12.5×30	2540	0.025	0.050
	3900	16×20	2210	0.028	0.056
	5600	16×25	2620	0.022	0.044
	5600	18×20	2490	0.028	0.056
	6800	16×30	3060	0.019	0.038
	8200	18×25	2790	0.020	0.040
10000	18×30	3240	0.018	0.036	
25	680	10×16	1180	0.061	0.122
	1000	10×20	1490	0.045	0.090
	1200	10×25	1710	0.037	0.074
	1500	12.5×20	1780	0.038	0.076
	2200	12.5×25	2170	0.030	0.060
	2700	12.5×30	2540	0.025	0.050
	2700	16×20	2210	0.028	0.056
	3300	18×20	2490	0.028	0.056
	3900	16×25	2620	0.022	0.044
	4700	16×30	3060	0.019	0.038
	4700	18×25	2790	0.020	0.040
	5600	18×30	3240	0.018	0.036
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