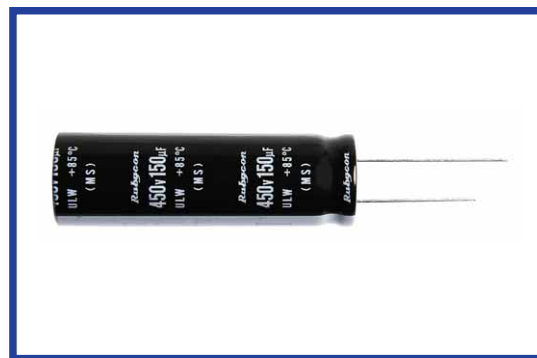


ULW SERIES
85°C Long Life (8000 hours)
◆FEATURES

- Load Life : 85°C 8000 hours.
- RoHS compliance.


◆SPECIFICATIONS

Items	Characteristics								
Category Temperature Range	-25~+85℃								
Rated Voltage Range	450~500Vdc								
Capacitance Tolerance	±20%(20℃,120Hz)								
Leakage Current(MAX)	I=3√CV (After 5 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(Vdc)								
(tanδ) Dissipation Factor(MAX)	<table><tr><td>Rated Voltage (Vdc)</td><td>450</td><td>500</td></tr><tr><td>tanδ</td><td>0.20</td><td>0.24</td></tr></table>	Rated Voltage (Vdc)	450	500	tanδ	0.20	0.24	(20℃,120Hz)	
Rated Voltage (Vdc)	450	500							
tanδ	0.20	0.24							
Endurance	After applying rated voltage with rated ripple current for 8000 hours at 85℃, the capacitors shall meet the following requirements. <table><tr><td>Capacitance Change</td><td>Within ±20% of the initial value.</td></tr><tr><td>Dissipation Factor</td><td>Not more than 200% of the specified value.</td></tr><tr><td>Leakage Current</td><td>Not more than the specified value.</td></tr></table>			Capacitance Change	Within ±20% of the initial value.	Dissipation Factor	Not more than 200% of the specified value.	Leakage Current	Not more than the specified value.
Capacitance Change	Within ±20% of the initial value.								
Dissipation Factor	Not more than 200% of the specified value.								
Leakage Current	Not more than the specified value.								
Low Temperature Stability Impedance Ratio(MAX)	<table><tr><td>Rated Voltage (Vdc)</td><td>450~500</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>8</td></tr></table>	Rated Voltage (Vdc)	450~500	Z(-25℃)/Z(20℃)	8	(120Hz)			
Rated Voltage (Vdc)	450~500								
Z(-25℃)/Z(20℃)	8								

◆MULTIPLIER FOR RIPPLE CURRENT

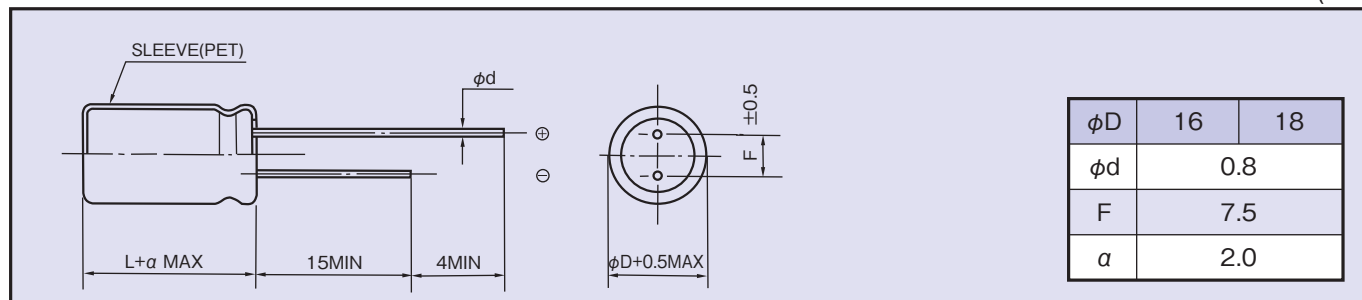
Frequency (Hz)	60(50)	120	500	1k	10k	50k≤
Coefficient	0.80	1.00	1.25	1.40	1.50	2.00

◆PART NUMBER

	ULW		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 (A r.m.s./85°C, 120Hz)
450	68	16×30	0.55
	68	18×30	0.56
	82	16×35	0.63
	82	18×31.5	0.63
	100	16×45	0.80
	100	18×35	0.72
	120	16×50	0.86
	120	18×40	0.84
	150	16×50	0.92
500	47	16×30	0.37
	56	16×35	0.42
	68	16×40	0.49
	82	16×45	0.56
	100	16×50	0.70