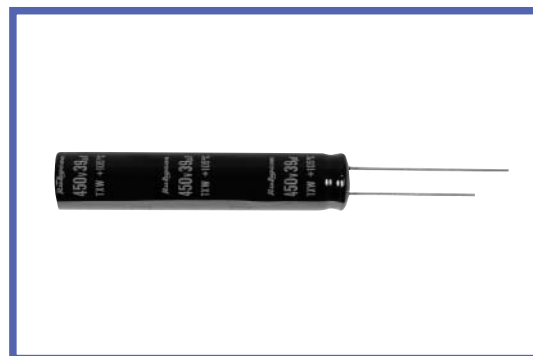


**TXW SERIES**
**UPGRADE**
**105°C Long Life (10000hours), Miniaturized**
**◆ FEATURES**

- Load Life : 105°C 10000 hours.
- Body diameter of φ 8mm to φ 18mm with high ripple current capability.
- Smaller size than the current VXW series.
- RoHS compliance.


**◆ SPECIFICATIONS**

Items	Characteristics		
Category Temperature Range	-25~+105°C		
Rated Voltage Range	200~450V.DC		
Capacitance Tolerance	±20% (20°C, 120Hz)		
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) $I$ =Leakage Current(μA) $C$ =Rated Capacitance(μF) $V$ =Rated Voltage(V)		
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V)	200~400	420~450
	tan δ	0.2	0.25
Endurance	After applying rated voltage with rated ripple current for 10000hrs at 105°C, the capacitors shall meet the following requirements.		
	Capacitance Change	Within ±20% of the initial value.	
	Dissipation Factor	Not more than 200% of the specified value.	
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	200~250	400~450
	Z(-25°C)/Z(20°C)	3	8

**◆ MULTIPLIER FOR RIPPLE CURRENT**

Frequency coefficient

Frequency (Hz)	60 (50)	120	500	1k	10k ≤	
Coefficient	200~250WV	0.8	1.0	1.20	1.30	1.40
	400~450WV	0.8	1.0	1.25	1.40	1.50

**◆ PART NUMBER**

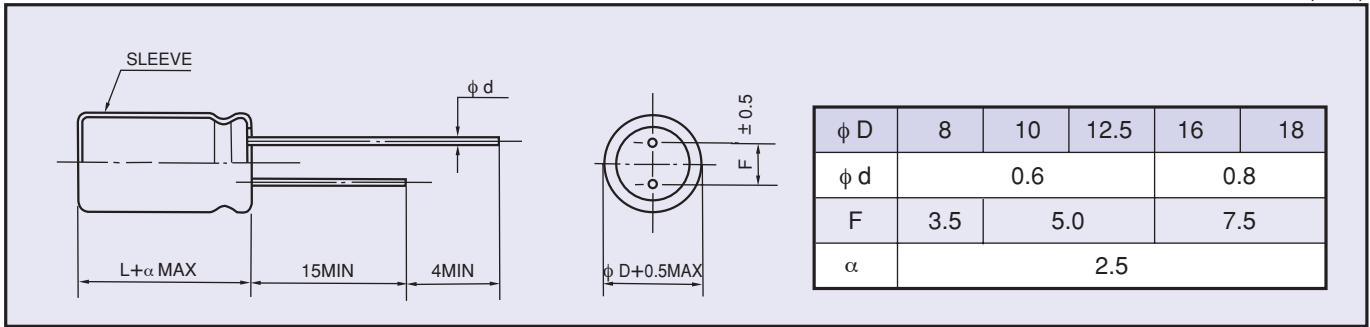
□□□	TXW	□□□□□	□	□□□	□□	D×L
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

**◆ OPTION**

	Code
PET Sleeve	EFC
PVC Sleeve	Blank

**◆ DIMENSIONS**

(mm)



**◆ STANDARD SIZE**

Cap (μF) \ WV φ D	200				220			
	φ 10	φ 12.5	φ 16	φ 18	φ 10	φ 12.5	φ 16	φ 18
100	10X40 0.63				10X40 0.66			
120	10X45 0.75				10X45 0.75	12.5X30 0.74		
150	10X50 0.83	12.5X30 0.80				12.5X35 0.86	16X25 0.80	
180		12.5X35 0.92	16X25 0.85			12.5X40 0.99	16X30 0.94	
220		12.5X45 1.09	16X30 1.01	18X25 1.00		12.5X50 1.08	16X30 1.01	18X25 0.94
270		12.5X50 1.26	16X30 1.18	18X30 1.16			16X35 1.19	18X30 1.13
330			16X40 1.31	18X30 1.30				18X35 1.30
390				18X35 1.43				18X40 1.49
470				18X40 1.58				18X45 1.69
560				18X45 1.77				

Cap (μF) \ WV φ D	250				400			
	φ 10	φ 12.5	φ 16	φ 18	φ 8, φ 10	φ 12.5	φ 16	φ 18
12					8X30 0.13			
15					8X35 0.18			
18					8X40 0.20			
22					8X45 0.23			
39					10X40 0.40			
47					10X45 0.45	12.5X30 0.44		
56					10X50 0.52	12.5X35 0.50		
68						12.5X40 0.58	16X25 0.51	
82	10X40 0.61					12.5X45 0.65	16X30 0.61	18X25 0.61
100	10X45 0.68	12.5X30 0.69					16X35 0.74	18X30 0.74
120		12.5X35 0.79	16X25 0.74				16X40 0.80	18X35 0.79
150		12.5X40 0.92	16X30 0.89					18X40 0.91
180		12.5X50 0.97	16X30 0.95	18X25 0.88				18X45 1.04
220			16X35 1.11	18X30 1.10				
270			16X40 1.27	18X35 1.23				
330				18X40 1.42				
390				18X45 1.59				

Cap (μF) \ WV φ D	420				450			
	φ 8, φ 10	φ 12.5	φ 16	φ 18	φ 8, φ 10	φ 12.5	φ 16	φ 18
12	8X30 0.13				8X30 0.15			
15	8X35 0.17				8X40 0.19			
18	8X40 0.20				8X45 0.21			
22	8X50 0.25							
33	10X40 0.37				10X40 0.36	12.5X30 0.37		
39	10X45 0.41	12.5X30 0.39			10X50 0.41	12.5X35 0.42		
47		12.5X35 0.45				12.5X40 0.48	16X25 0.44	
56		12.5X40 0.52	16X25 0.46			12.5X45 0.53	16X30 0.51	
68		12.5X45 0.58	16X30 0.55			12.5X50 0.62	16X35 0.59	18X25 0.57
82		12.5X50 0.66	16X35 0.63	18X25 0.56			16X40 0.68	18X30 0.65
100			16X40 0.73	18X30 0.67				18X35 0.74
120				18X35 0.77				18X40 0.83
150				18X40 0.90				18X45 0.95

Please check with us about individual WV, Cap., size and dimensions.

Size φ DXL(mm) ↑  
Ripple Current (A r.m.s./105°C,120Hz) ↑

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