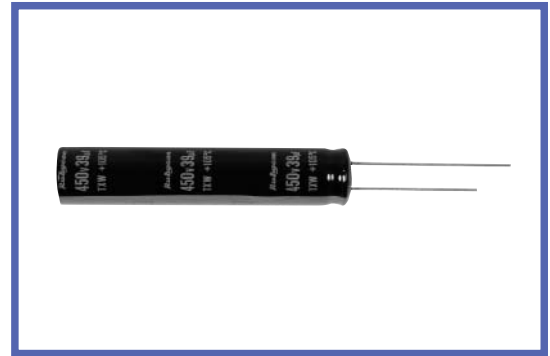


TXW SERIES
UPGRADE
105°C Long Life (10000hours), Miniaturized
◆ FEATURES

- 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

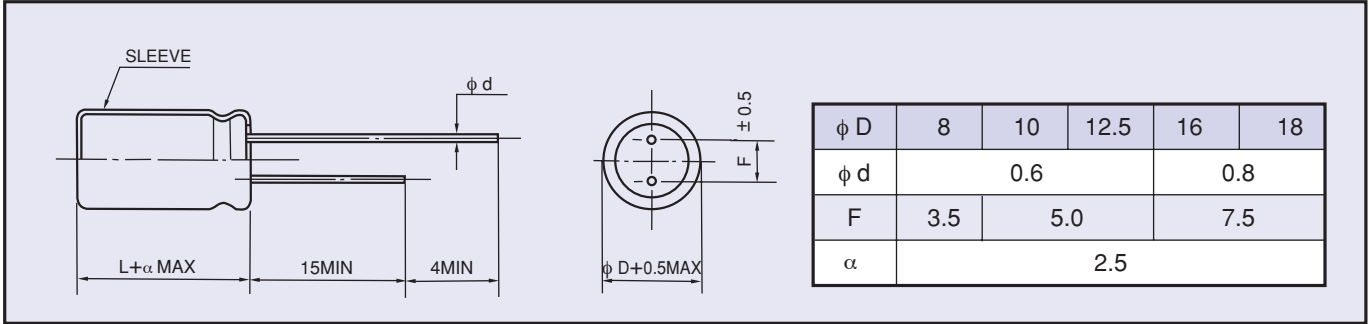
□□□	TXW	□□□□□	□	□□□	□□	D×L
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆ OPTION

	Code
PET Sleeve	EFC
PVC Sleeve	Blank

◆ DIMENSIONS

(mm)



◆ STANDARD SIZE

Cap (μF)	WV ϕD	200				220								
		$\phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$	$\phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$					
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 ϕD	250				400							
		$\phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$	$\phi 8, \phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$				
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 ϕD	420				450							
		$\phi 8, \phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$	$\phi 8, \phi 10$	$\phi 12.5$	$\phi 16$	$\phi 18$				
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) ↑