

MXY SERIES

Low Profile with Horizontal Mounting

◆FEATURES

- Load Life : 105°C 3000 hours with horizontal mounting.
- Suitable for flat equipment design.
- RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics		
Category Temperature Range	-25~+105℃		
Rated Voltage Range	160~400V.DC		
Capacitance Tolerance	±20% (20℃,120Hz)		
Leakage Current(MAX)	I=3√CV (After 5 minutes application of rated voltage) I=(μA) C=(μF) V=定(V) Leakage Current Rated Capacitance Rated Voltage		
Dissipation Factor(MAX)	0.15 (20℃,120Hz)		
Endurance	After applying rated voltage with rated ripple current for 3000 hours at 105℃, 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.
	Leakage Current		Not more than the specified value.
Low Temperature Stability Impedance Ration(MAX)	Rated Voltage	160~250	400
	Z(-25℃)/Z(20℃)	3	8

(120Hz)

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

(Hz) Frequency	60 (50)	120	500	1k	10k≤
Coefficient					
160~250WV	0.80	1.00	1.10	1.14	1.18
400WV	0.80	1.00	1.05	1.10	1.15

◆OPTION

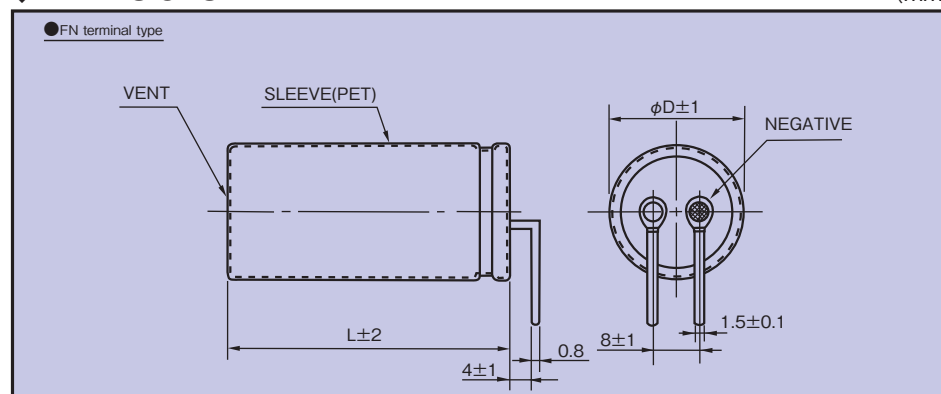
	Code
PET Sleeve without plate	EFC

◆PART NUMBER

	MX Y		M		FN	D×L
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Terminal Code	Case Size

◆DIMENSIONS

(mm)



◆STANDARD SIZE

Cap(μF)	WV φD		160						200					
			φ20		φ22		φ25		φ20		φ22		φ25	
270									20×30	0.97				
330			20×30	1.02					20×35	1.17	22×30	1.20		
390			20×35	1.15	22×30	1.17			20×40	1.27	22×35	1.30		
470			20×40	1.25	22×30	1.28			20×45	1.41	22×40	1.44		
560			20×45	1.42	22×35	1.45			20×55	1.56	22×45	1.60	25×35	1.60
680			20×50	1.60	22×40	1.64	25×35	1.70	20×60	1.71	22×50	1.75	25×40	1.76
820			20×55	1.81	22×45	1.85	25×40	1.92			22×60	2.10	25×45	2.10
1000					22×55	2.10	25×45	2.17					25×50	2.36
1200							25×50	2.43						
1500							25×60	2.62						

Cap(μF)	WV φD		250						400					
			φ20		φ22		φ25		φ20		φ22		φ25	
68									20×30	0.48				
82									20×30	0.54				
100									20×35	0.60	22×30	0.62		
120									20×40	0.71	22×35	0.73		
150									20×45	0.83	22×40	0.85	25×35	0.85
180			20×30	0.82					20×55	0.93	22×45	0.95	25×35	0.92
220			20×35	0.95	22×30	0.97					22×50	1.08	25×40	1.05
270			20×40	1.08	22×35	1.11					22×60	1.20	25×50	1.29
330			20×45	1.23	22×40	1.26							25×60	1.41
390			20×50	1.38	22×45	1.41	25×35	1.42						
470			20×60	1.54	22×50	1.58	25×40	1.61						
560					22×55	1.80	25×45	1.80						
680							25×50	2.03						
820							25×60	2.26						

↑ Ripple Current (A r.m.s./120Hz, 105°C)
 ↑ Case Size φD×L(mm)