MXH SERIES

105℃ Ultra Miniaturized, Snap-in Terminal Type



◆FEATURES

- Load Life : 105℃ 2000 hours.
- Smaller size than MXG series.
- RoHS compliance.

◆SPECIFICATIONS

Items	Characteristics
Category Temperature Range	−25～+105℃
Rated Voltage Range	400, 420, 450V.DC
Capacitance Tolerance	±20%(20℃,120Hz)
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=(μA) Leakage Current C=(μF) Rated Capacitance V=(V) Rated Voltage
(tanδ) Dissipation Factor(MAX)	Rated Voltage: 400～450; tanδ: 0.20 (20℃,120Hz)
Endurance	After applying rated voltage with rated ripple current for 2000 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: 400～450; Z(−25℃)/Z(20℃): 8 (120Hz)

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency Coefficient

(Hz) Frequency	60(50)	120	500	1k	10k≦
Coefficient	0.80	1.00	1.20	1.25	1.40

◆PART NUMBER

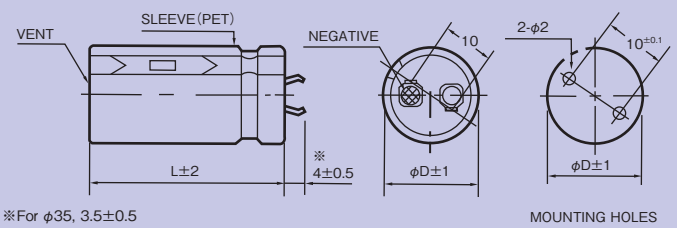
□□□	MXH	□□□□□	M	□□□	SN	D×L
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Terminal Code	Case Size

◆OPTION

	Code
PET Sleeve without plate	EFC

◆DIMENSIONS (mm)

●SN[4(3.5)mm]terminal type Terminal code : SN(Tin plating)



※For φ35, 3.5±0.5

MOUNTING HOLES

◆STANDARD SIZE

Cap (μF) \ WV / φD	400							
	φ22		φ25		φ30		φ35	
120	22×25	0.75						
150	22×30	0.88						
180	22×30	0.95	25×25	0.95				
220	22×35	1.10	25×30	1.10				
270	22×40	1.22	25×35	1.22	30×25	1.22		
330	22×50	1.44	25×40	1.44	30×30	1.44	35×25	1.44
390			25×45	1.55	30×35	1.55	35×30	1.55
470			25×50	1.68	30×40	1.68	35×30	1.68
560					30×45	1.90	35×35	1.90
680					30×50	2.12	35×40	2.12
820							35×45	2.30

Cap (μF) \ WV / φD	420							
	φ22		φ25		φ30		φ35	
100	22×25	0.66						
120	22×30	0.81						
150	22×30	0.84	25×25	0.84				
180	22×35	0.91	25×30	0.91				
220	22×40	1.05	25×30	1.05	30×25	1.05		
270	22×50	1.25	25×35	1.25	30×30	1.25	35×25	1.25
330			25×45	1.42	30×35	1.42	35×30	1.42
390			25×50	1.61	30×40	1.61	35×30	1.61
470					30×45	1.86	35×35	1.86
560					30×50	2.10	35×40	2.10
680							35×45	2.20

Cap (μF) \ WV / φD	450							
	φ22		φ25		φ30		φ35	
100	22×25	0.69						
120	22×30	0.72	25×25	0.72				
150	22×35	0.79	25×30	0.79				
180	22×40	0.87	25×30	0.87	30×25	0.87		
220	22×45	1.05	25×35	1.05	30×30	1.05		
270	22×50	1.23	25×40	1.23	30×30	1.23	35×25	1.23
330			25×50	1.38	30×35	1.38	35×30	1.38
390					30×40	1.61	35×35	1.61
470					30×45	1.78	35×40	1.78
560							35×45	1.99
680							35×50	2.10

Ripple Current (A r.m.s./120Hz, 105℃)

Case Size φD×L(mm)