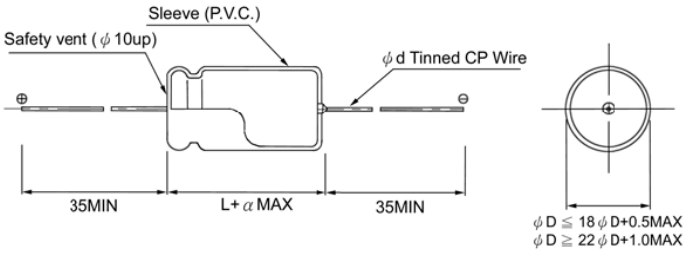
MDIL SERIES

Axial Type,卧式具极低之泄漏电流特性适用于如激发电路或高信赖性之电子产品需求.
Axial Type Standard size for low leakage current
Available in taping configuration for automatic insertion.

SPECIFICATION :

ITEMS	CHARACTERISTIC					
Rated Voltage Range 定格电压范围	6.3v ～ 50v DC					
Operating Temperature 使用温度范围	-40℃ ～ +85℃					
Capacitance Tolerance 电容量容许差	±20%(M) at 20℃,120Hz					
Leakage Current 漏泄电流	I=0.002CV or 0. 4 μA, whichever is greater after 3 minutes application of rated voltage.					
Dissipation Factor (tanδ) 损失角之正接	Add 0.02 per 1000μF for more than 1000μF(at 20℃,120Hz)					
	Rated voltage(Vdc)	10	16	25	35	50
	DF(tan δ)	0.20	0.16	0.14	0.12	0.10
Low Temperature Characteristics at 120Hz 低温稳定特性	Max. impedance ratio at 120Hz to the 20℃ value					
	Rated voltage(Vdc)	10	16	25	35	50
	Z(-25℃)/Z(20℃)	3	2	2	2	2
	Z(-40℃)/Z(20℃)	6	4	4	3	3
Load Life 高温负载寿命	After 1,000 hours application of rated voltage at 85℃, capacitors Meet the characteristics requirements mentioned below					
	Capacitance change rate	≦ ±25% of initial value				
	DF(tan δ)	≦ 200% of the initial specified value				
	Leakage current	initial specified value				
Shelf Life 高温无负载寿命	AT 85℃, no voltage applied after 500 hours the capacitor shall meet the following limits					
	Capacitance change rate	≦ ±25% of initial value				
	DF(tan δ)	≦ 200% of the initial specified value				
	Leakage current	≦ 200% of the initial specified value				

Dimension (mm)



ϕ D	5 ～ 13	16
ϕ d	0.6	0.8
α	1.5	

WV	10v		16v		25v		35v		50v	
Cap	ϕ DxL	Ripple	ϕ DxL	Ripple	ϕ DxL	Ripple	ϕ DxL	Ripple	ϕ DxL	Ripple
0.1～6.8									5x13	10
10							5x13	50	6.3x13	55
22			5x13	60	6.3x13	70	6.3x13	80	6.3x16	95
33	5x13	65	6.3x13	80	6.3x13	90	6.3x16	105	8x16	130
47	6.3x13	90	6.3x13	100	6.3x16	120	8x16	140	8x16	155
100	6.3x16	145	8x16	180	8x16	190	8x20	230	10x21	280
150	8x16	195	8x16	220	8x20	260	10x21	310	10x26	380
220	8x16	235	8x20	295	10x21	350	10x26	420	13x26	500
330	8x20	320	10x21	400	10x26	470	13x26	560	13x31	660
470	10x21	430	10x26	530	13x26	620	13x31	720		
680	10x26	570	13x26	700						
1000	13x26	760								