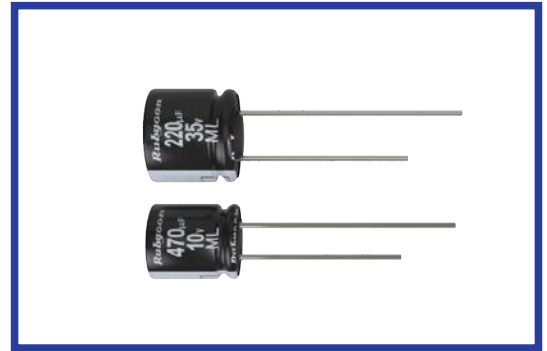


ML series

105°C 5000時間品 高さ9mm
105°C 5000hours 9mm Height



◆規格表／SPECIFICATIONS

項目 Item	特性 Characteristics																					
カテゴリ温度範囲 Category Temperature Range	-40~+105℃																					
定格電圧範囲 Rated Voltage Range	6.3~50Vdc																					
静電容量許容差 Capacitance Tolerance	±20%(20℃, 120Hz)																					
漏れ電流 Leakage Current (MAX)	I=0.01CV又は3μAのいずれか大なる値以下(定格電圧印加2分後) I=0.01CV or 3μA whichever is greater. (After 2 minutes application of rated voltage) I=漏れ電流(μA) C=静電容量(μF) V=定格電圧(Vdc) Leakage Current Capacitance Rated Voltage																					
損失角の正接(tan δ) Dissipation Factor (MAX)	<table><tr><td>定格電圧 (Vdc) Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>tan δ</td><td>0.40</td><td>0.35</td><td>0.30</td><td>0.25</td><td>0.20</td><td>0.20</td></tr></table> (20℃, 120Hz)	定格電圧 (Vdc) Rated Voltage	6.3	10	16	25	35	50	tan δ	0.40	0.35	0.30	0.25	0.20	0.20							
定格電圧 (Vdc) Rated Voltage	6.3	10	16	25	35	50																
tan δ	0.40	0.35	0.30	0.25	0.20	0.20																
耐久性 Endurance	105℃中で5000時間定格電圧(リップル重畳)印加後、下記項目を満足すること。 After applying rated voltage with rated ripple current for 5000 hours at 105℃, the capacitors shall meet the following requirements. <table><tr><td>静電容量変化率 Capacitance Change</td><td>初期値の±30%以内 Within ±30% of the initial value.</td></tr><tr><td>損失角の正接 Dissipation Factor</td><td>規格値の 300% 以下 Not more than 300% of the specified value.</td></tr><tr><td>漏れ電流 Leakage Current</td><td>規格値以下 Not more than the specified value.</td></tr></table>	静電容量変化率 Capacitance Change	初期値の±30%以内 Within ±30% of the initial value.	損失角の正接 Dissipation Factor	規格値の 300% 以下 Not more than 300% of the specified value.	漏れ電流 Leakage Current	規格値以下 Not more than the specified value.															
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損失角の正接 Dissipation Factor	規格値の 300% 以下 Not more than 300% of the specified value.																					
漏れ電流 Leakage Current	規格値以下 Not more than the specified value.																					
低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio (MAX)	<table><tr><td>定格電圧 (Vdc) Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>Z(-25℃)/Z(+20℃)</td><td>6</td><td>4</td><td>4</td><td>3</td><td>2</td><td>2</td></tr><tr><td>Z(-40℃)/Z(+20℃)</td><td>12</td><td>10</td><td>8</td><td>6</td><td>4</td><td>4</td></tr></table> (120Hz)	定格電圧 (Vdc) Rated Voltage	6.3	10	16	25	35	50	Z(-25℃)/Z(+20℃)	6	4	4	3	2	2	Z(-40℃)/Z(+20℃)	12	10	8	6	4	4
定格電圧 (Vdc) Rated Voltage	6.3	10	16	25	35	50																
Z(-25℃)/Z(+20℃)	6	4	4	3	2	2																
Z(-40℃)/Z(+20℃)	12	10	8	6	4	4																

◆呼称方法／PART NUMBER

□□□	ML	□□□□□	M	□□□	□□	D x L
定格電圧 Rated Voltage	シリーズ名 Series	静電容量 Capacitance	静電容量許容差 Capacitance Tolerance	副記号 Option	リード加工記号 Lead Forming	ケースサイズ Case Size

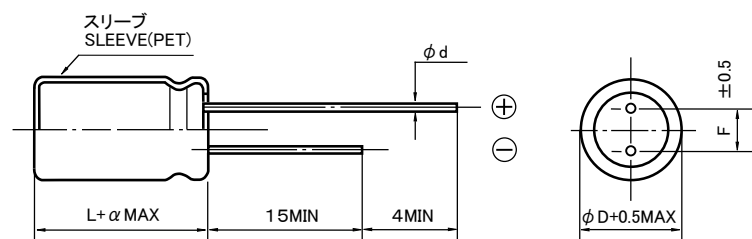
◆リップル電流補正係数／ MULTIPLIER FOR RIPPLE CURRENT

周波数 (Hz) Frequency	60(50)	120	500	1k	10k≤
係数 Coefficient	82μF 0.80	1.00	1.20	1.30	1.50
	120~1000μF 0.80	1.00	1.10	1.15	1.20

◆副記号／OPTION

EFC : PETスリーブ PET Sleeve

◆寸法図／DIMENSIONS



	(mm)	
ϕD	8	10
ϕd	0.6	
F	3.5	5.0
α	2.0	

◆標準品一覽表／STANDARD SIZE

Size $\phi D \times L$ (mm), Rated Ripple Current (mA r.m.s./105°C, 120Hz)[illegible]