

490-82970910

Rubycon

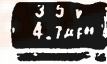
小形アルミニウム電解コンデンサ

MH7

查询"10MH7100M6371"供应商

MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

高さ7mm, 105°C品 7mm Height, 105°C



◆規格表 SPECIFICATIONS

項 目 Item	特 性 Characteristics																					
使用温度範囲 Operating Temperature Range	-40~+105℃																					
定格電圧範囲 Rated Voltage Range	6.3~50V.DC																					
静電容量許容差 Capacitance Tolerance	±20% (20℃, 120Hz)																					
漏れ電流 Leakage Current	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)MAX I=漏れ電流(μA) C=公称静電容量(μF) V=定格電圧(V) Leakage Current Nominal Capacitance Rated Voltage																					
損失角の正接 (tanδ) Dissipation Factor	<table><tr><td>定格電圧(V) 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>tanδ</td><td>0.24</td><td>0.20</td><td>0.16</td><td>0.14</td><td>0.12</td><td>0.10</td></tr></table> MAX (20℃, 120Hz)	定格電圧(V) Rated Voltage	6.3	10	16	25	35	50	tanδ	0.24	0.20	0.16	0.14	0.12	0.10							
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高温負荷特性 Load Life	105℃, 1000時間定格電圧印加後、 After applying rated voltage for 1000 hours at 105℃ <table><tr><td>静電容量変化率 Capacitance Change</td><td>初期値の±25%以内 Within ±25% of the initial value</td></tr><tr><td>損失角の正接 Dissipation Factor</td><td>規格値の200%以下 Not more than 200% 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±25%以内 Within ±25% of the initial value	損失角の正接 Dissipation Factor	規格値の200%以下 Not more than 200% 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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低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio	<table><tr><td>定格電圧(V) 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>3</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Z(-40℃)/Z(20℃)</td><td>6</td><td>5</td><td>4</td><td>3</td><td>3</td><td>3</td></tr></table> MAX (120Hz)	定格電圧(V) Rated Voltage	6.3	10	16	25	35	50	Z(-25℃)/Z(20℃)	3	2	2	2	2	2	Z(-40℃)/Z(20℃)	6	5	4	3	3	3
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準拠規格 Reference Standard	JIS C 5141																					

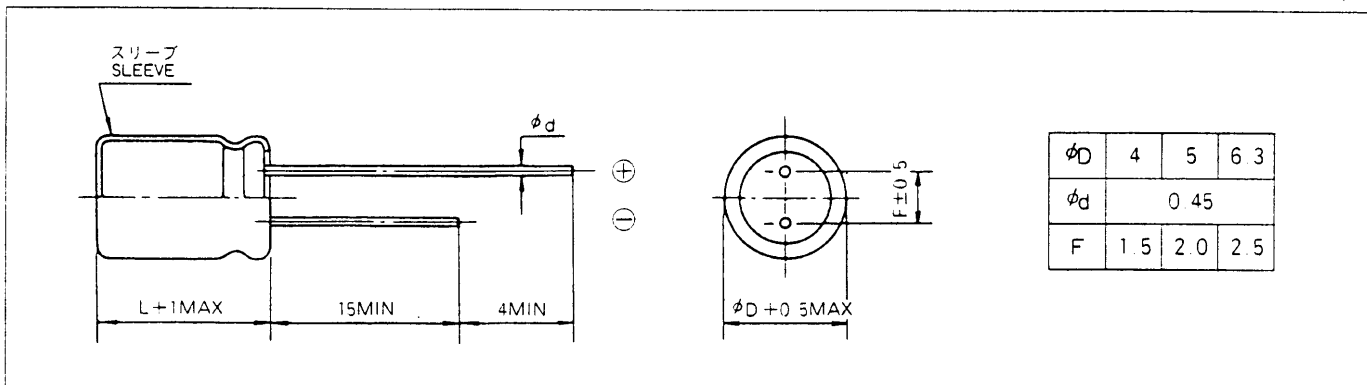
◆リプル電流補正係数 MULTIPLIER FOR RIPPLE CURRENT

周波数係数 Frequency coefficient

Freq(Hz)	60(50)	120	500	1k	≥10k
Cap(μF)					
0.1~47	0.8	1.0	1.20	1.30	1.50
100	0.8	1.0	1.10	1.15	1.20

◆寸法図 DIMENSIONS

(mm)



◆寸法一覧表, 最大許容リプル電流一覧表 STANDARD SIZE, MAXIMUM PERMISSIBLE RIPPLE CURRENT

Size φD×L(mm) . Ripple Current (mA r.m.s / 105°C . 120Hz)

定格電圧 WV(V DC) 公称静電 容量Cap(μF)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1											4×7	1.0
0.22											4×7	2.3
0.33											4×7	3.5
0.47											4×7	5
1											4×7	10
2.2											4×7	19
3.3											4×7	24
4.7									4×7	24	5×7	29
10					4×7	29	5×7	33	5×7	36	6.3×7	44
22	4×7	34	5×7	38	5×7	44	6.3×7	51	6.3×7	60		
33	5×7	42	5×7	47	6.3×7	60	6.3×7	65				
47	5×7	50	6.3×7	65	6.3×7	70						
100	6.3×7	77	6.3×7	87								