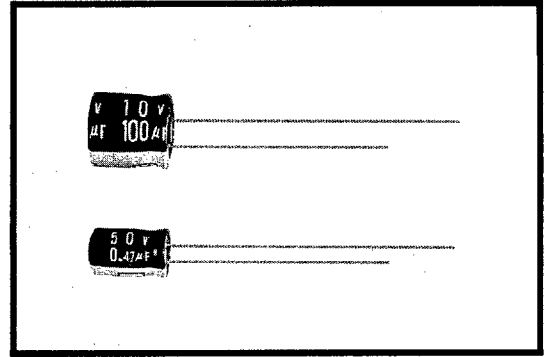


**MH7** シリーズ  
SERIES

105°C 高さ7mm品 105°C 7mm Height.



◆規格表 SPECIFICATIONS

項目 Items	特 性 Characteristics																						
使用温度範囲 Operating Temperature Range	-40~+105°C																						
定格電圧範囲 Rated Voltage Range	6.3~50V.DC																						
静電容量許容差 Capacitance Tolerance	±20% (20°C, 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=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(MAX)	<table border="1"> <thead> <tr> <th>定格電圧(V) Rated Voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <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> </tbody> </table> (20°C, 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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tanδ	0.24	0.20	0.16	0.14	0.12	0.10																	
高温負荷特性 Load Life	105°C, 1000時間定格電圧印加後、 After applying rated voltage for 1000 hours at 105°C. <table border="1"> <tbody> <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> </tbody> </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(MAX)	<table border="1"> <thead> <tr> <th>定格電圧(V) Rated Voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>6</td> <td>5</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table> (120Hz)		定格電圧(V) Rated Voltage	6.3	10	16	25	35	50	Z(-25°C)/Z(20°C)	3	2	2	2	2	2	Z(-40°C)/Z(20°C)	6	5	4	3	3	3
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Z(-25°C)/Z(20°C)	3	2	2	2	2	2																	
Z(-40°C)/Z(20°C)	6	5	4	3	3	3																	
準拠規格 Reference Standard	JIS C 5141																						

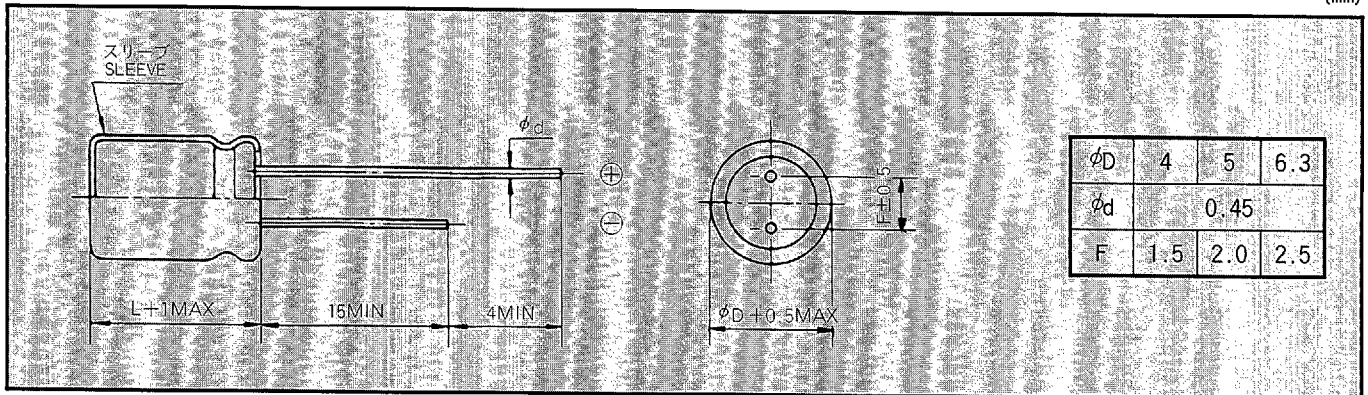
◆リップル電流補正係数 MULTIPLIER FOR RIPPLE CURRENT

周波数係数 Frequency coefficient

Cap(µF)	Freq(Hz)	60(50)	120	500	1k	10k≤
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)



小形電解コンデンサ  
MINIATURE TYPE

◆寸法一覧表, 最大許容リプル電流一覧表 STANDARD SIZE, MAX. 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	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								