

ALUMINUM ELECTROLYTIC CAPACITORS

MS / MX series

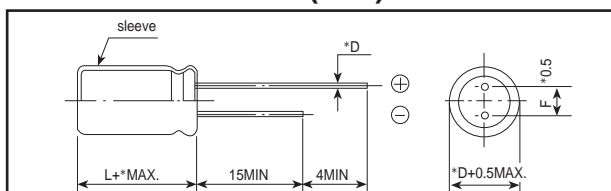
5mm L, ULTRA MINIATURE TYPE

- Ultra miniature type capacitors, with 5mm height, are developed to cope with the design of smaller and thinner electronic equipments.
- Load life of 1000 hours at 85*
- Solvent proof.

* SPECIFICATIONS

Items	Performance Characteristics																							
Operating Temperature Range	-40~+85*																							
Voltage Range	4 ~ 50V																							
Capacitance Range	0.1~220*F																							
Capacitance Tolerance	*20%(M) at 120Hz,25*																							
Leakage Current(MAX)	After 2 minutes application of rated voltage,leakage current is not more than 0.01CV or 3 (*A),whichever is greater.																							
(tan *)	Measurement frequency: 120Hz, Temperature:25*																							
	<table border="1"> <thead> <tr> <th>Rated voltage(V)</th> <th>4</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>tan*(MAX)</td> <td>0.35</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>	Rated voltage(V)	4	6.3	10	16	25	35	50	tan*(MAX)	0.35	0.24	0.20	0.16	0.14	0.12	0.10							
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Stability at Low Temperature	Measurement frequency:120Hz																							
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Load Life	After 1000 hours' application of rated voltage at 85* capacitors meet the characteristics requirements listed at following.																							
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Shelf Life	After leaving capacitors under no load of 85* for 500 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.																							
Standards	According to JIS C-5141																							

* DIMENSIONS (mm)



*D	4	5	6.3
*d	0.45	0.45	0.45
F	1.5	2.0	2.5
*	1.0		

CATALOG NUMBERING SYSTEM (Example:16V 10*F)

