



**TYPICAL PERFORMANCE SPECIFICATIONS FOR  
RECONSTITUTED MICA PAPER CAPACITORS**

<b>Parameter</b>	<b>Specification</b>	<b>MIL-STD-202 Test Method</b>																
Capacitance	100 pfd to several ufd within specified tolerance at 25 C and 1000 Hz. Standard tolerance is +/- 10%. Tighter available upon request.	305																
Dissipation Factor	0.005 Max. at 25 C and 1000 Hz. 0.008 Max. at 125 C and 1000 Hz.	306																
Insulation Resistance	At 25 C: 9000 megohm-microfarads min., but not to exceed 100000 megohms. At 125 C: 25 megohm-microfarads min., but not to exceed 250 megohms.	302 Condition B																
Dielectric Withstanding Voltage	One of the voltages listed below shall be applied for 0.25 to 1.0 minutes with a charge and discharge current less than one ampere.	301																
	<table border="0"> <thead> <tr> <th style="text-align: left;"><b>Rated Voltage</b></th> <th style="text-align: left;"><b>Test Voltage</b></th> </tr> </thead> <tbody> <tr> <td>0 to 8.0 KV</td> <td>200 %</td> </tr> <tr> <td>8.1 to 10.0 KV</td> <td>175 %</td> </tr> <tr> <td>10.1 to 12.0 KV</td> <td>150 %</td> </tr> <tr> <td>12.1 to 20.0 KV</td> <td>140 %</td> </tr> <tr> <td>20.1 to 30.0 KV</td> <td>130 %</td> </tr> <tr> <td>30.1 to 50.0 KV</td> <td>120 %</td> </tr> <tr> <td>50.1 to 135 KV</td> <td>110 %</td> </tr> </tbody> </table>	<b>Rated Voltage</b>	<b>Test Voltage</b>	0 to 8.0 KV	200 %	8.1 to 10.0 KV	175 %	10.1 to 12.0 KV	150 %	12.1 to 20.0 KV	140 %	20.1 to 30.0 KV	130 %	30.1 to 50.0 KV	120 %	50.1 to 135 KV	110 %	
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Temperature Range	--65 C to + 125 C There will be no voltage derating over this temperature range.																	
Capacitance Change	At -- 65 C: -- 1.0 % Minimum. At + 125 C: + 4.0 % Maximum.																	

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