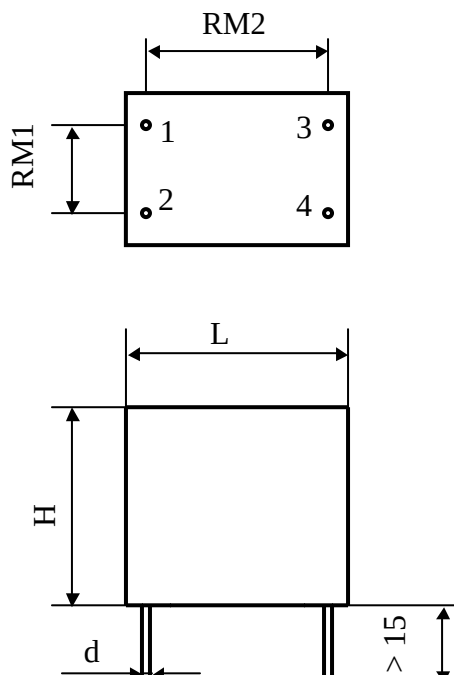
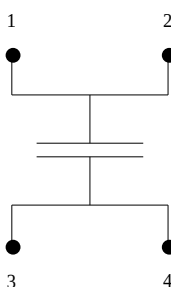


#6221	METALLIZED POLYPROPYLENE CAPACITORS	PPM-4 42-100.0 afv K																																																																																																									
  Polyester wrapped flammability UL 510 Epoxy resin sealing UL 94-V0 (*) Must be tested																																																																																																											
<table><tr><th>Parameter</th><th>Symbol</th><th></th><th>Value</th><th>Unit</th><th>Condition</th></tr><tr><td>Capacitance</td><td>C</td><td></td><td>100</td><td>μF</td><td>1 V / 1 kHz</td></tr><tr><td>Tolerance</td><td></td><td></td><td>± 10</td><td>%</td><td></td></tr><tr><td>Rated voltage</td><td>Un DC</td><td></td><td>420</td><td>VDC</td><td></td></tr><tr><td>Transient voltage</td><td>tv</td><td></td><td>530</td><td>V</td><td>100 ms</td></tr><tr><td>RMS current</td><td>I RMS max.</td><td>70°C</td><td>18</td><td>Aeff</td><td>10 kHz</td></tr><tr><td>Short time operation</td><td></td><td>95 °C</td><td>10</td><td>A RMS</td><td>20 kHz</td></tr><tr><td>slope of voltage variation</td><td>du/dt max.</td><td></td><td>8</td><td>V/μsec</td><td>max. repetitive</td></tr><tr><td>Repetitive surge courant</td><td>I cr. max</td><td></td><td>800</td><td>A</td><td></td></tr><tr><td>Tangent delta</td><td>tgδ</td><td></td><td>< 32</td><td>E-4</td><td>1 V / 1 k Hz</td></tr><tr><td>Equivalent serie resistance</td><td>ESR</td><td></td><td>< 5.0</td><td>mΩ</td><td>10 kHz</td></tr><tr><td>Stray inductance</td><td>ESL</td><td></td><td>≤ 15</td><td>nH</td><td></td></tr><tr><td>Insulation resistance</td><td>Ri</td><td></td><td>> 200</td><td>MΩ</td><td>100 VDC - 1 min</td></tr><tr><td>Test voltage between terminals</td><td>U T1</td><td></td><td>630</td><td>VDC</td><td>10 s</td></tr><tr><td>Operating temperature (*)</td><td></td><td></td><td>- 55 ... + 95°C</td><td>°C</td><td></td></tr><tr><td>Short time storage temperature (*)</td><td></td><td></td><td>- 55 ... + 105°C</td><td>°C</td><td></td></tr><tr><td>Estimated operational life (-3%)</td><td></td><td></td><td>> 100'000</td><td>h</td><td>420 V / 70°C</td></tr></table>						Parameter	Symbol		Value	Unit	Condition	Capacitance	C		100	μF	1 V / 1 kHz	Tolerance			± 10	%		Rated voltage	Un DC		420	VDC		Transient voltage	tv		530	V	100 ms	RMS current	I RMS max.	70°C	18	Aeff	10 kHz	Short time operation		95 °C	10	A RMS	20 kHz	slope of voltage variation	du/dt max.		8	V/μsec	max. repetitive	Repetitive surge courant	I cr. max		800	A		Tangent delta	tgδ		< 32	E-4	1 V / 1 k Hz	Equivalent serie resistance	ESR		< 5.0	mΩ	10 kHz	Stray inductance	ESL		≤ 15	nH		Insulation resistance	Ri		> 200	MΩ	100 VDC - 1 min	Test voltage between terminals	U T1		630	VDC	10 s	Operating temperature (*)			- 55 ... + 95°C	°C		Short time storage temperature (*)			- 55 ... + 105°C	°C		Estimated operational life (-3%)			> 100'000	h	420 V / 70°C
Parameter	Symbol		Value	Unit	Condition																																																																																																						
Capacitance	C		100	μF	1 V / 1 kHz																																																																																																						
Tolerance			± 10	%																																																																																																							
Rated voltage	Un DC		420	VDC																																																																																																							
Transient voltage	tv		530	V	100 ms																																																																																																						
RMS current	I RMS max.	70°C	18	Aeff	10 kHz																																																																																																						
Short time operation		95 °C	10	A RMS	20 kHz																																																																																																						
slope of voltage variation	du/dt max.		8	V/μsec	max. repetitive																																																																																																						
Repetitive surge courant	I cr. max		800	A																																																																																																							
Tangent delta	tgδ		< 32	E-4	1 V / 1 k Hz																																																																																																						
Equivalent serie resistance	ESR		< 5.0	mΩ	10 kHz																																																																																																						
Stray inductance	ESL		≤ 15	nH																																																																																																							
Insulation resistance	Ri		> 200	MΩ	100 VDC - 1 min																																																																																																						
Test voltage between terminals	U T1		630	VDC	10 s																																																																																																						
Operating temperature (*)			- 55 ... + 95°C	°C																																																																																																							
Short time storage temperature (*)			- 55 ... + 105°C	°C																																																																																																							
Estimated operational life (-3%)			> 100'000	h	420 V / 70°C																																																																																																						
<table><tr><th>Dimension</th><th>Symbol</th><th></th><th></th><th>Unit</th><th>Conditions</th></tr><tr><td>Width</td><td>B</td><td></td><td>32.5 ± 1</td><td>mm</td><td></td></tr><tr><td>Length</td><td>L</td><td></td><td>57 ± 1</td><td>mm</td><td></td></tr><tr><td>Height</td><td>H</td><td></td><td>45 ± 1</td><td>mm</td><td></td></tr><tr><td>Terminals tinned wire (4 x)</td><td>ø d</td><td></td><td>1.2</td><td>mm</td><td></td></tr><tr><td>RM1</td><td></td><td></td><td>20.3 ± 0.4</td><td>mm</td><td></td></tr><tr><td>RM2</td><td></td><td></td><td>52.5 ± 0.4</td><td>mm</td><td></td></tr></table>						Dimension	Symbol			Unit	Conditions	Width	B		32.5 ± 1	mm		Length	L		57 ± 1	mm		Height	H		45 ± 1	mm		Terminals tinned wire (4 x)	ø d		1.2	mm		RM1			20.3 ± 0.4	mm		RM2			52.5 ± 0.4	mm																																																													
Dimension	Symbol			Unit	Conditions																																																																																																						
Width	B		32.5 ± 1	mm																																																																																																							
Length	L		57 ± 1	mm																																																																																																							
Height	H		45 ± 1	mm																																																																																																							
Terminals tinned wire (4 x)	ø d		1.2	mm																																																																																																							
RM1			20.3 ± 0.4	mm																																																																																																							
RM2			52.5 ± 0.4	mm																																																																																																							
<table><tr><td rowspan="3"></td><td>M1</td><td></td><td></td><td></td><td></td></tr><tr><td>M0</td><td></td><td></td><td></td><td></td></tr><tr><td>Modification</td><td>Date</td><td>Visa émetteur</td><td></td><td></td></tr></table>							M1					M0					Modification	Date	Visa émetteur																																																																																								
	M1																																																																																																										
	M0																																																																																																										
	Modification	Date	Visa émetteur																																																																																																								
CondensateursCH 1400 Yverdon,Switzerlandwww.Lcap.chcapinfo@Lcap.ch KondensatorenTel.: ++41 24 445 66 8807.10.2013faisab6221.XLS CapacitorsFax: ++41 24 445 66 89HJJ A FISCHER & TAUSSCHKE COMPANY																																																																																																											