

F622 Series Metallized Polyester Film, 5 mm Lead Spacing, 50 – 630 VDC

Overview

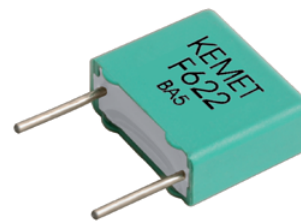
The F622 Series is constructed of metallized stacked polyester film capacitor with radial leads of tinned wire. Radial leads are electrically welded to the contact metal layer on the ends of the capacitor winding. The capacitor is encapsulated in a self-extinguishing material meeting the requirements of UL 94 V-0.

Applications

Typical applications include high performance, high temperature blocking, coupling, decoupling, bypassing and interference suppression in low voltage applications such as automotive. Not for use with the mains.

Benefits

- Voltage range: 50 – 630 VDC
- Capacitance range: 0.001 – 2.2 μ F
- Lead spacing: 5 mm
- Capacitance tolerance: \pm 10%, \pm 20%, \pm 5% on request
- Climatic category: 55/125/56
- Tape and reel packaging in accordance with IEC 60286-2
- RoHS Compliant and lead-free terminations
- Operating temperature range of -55°C to +125°C
- Designed for high performance, high temperature applications



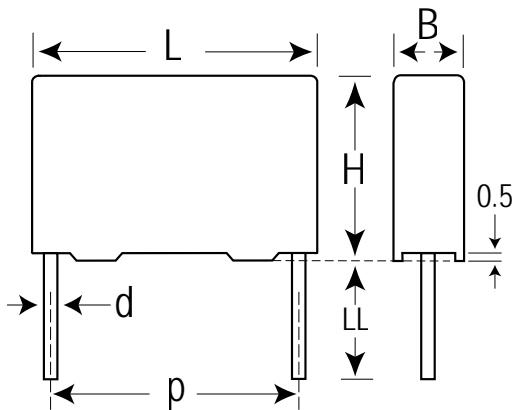
Part Number System

F	622	J	F	104	M	050	C
Capacitor Class	Series	Lead Spacing (mm)	Size Code	Capacitance Code (pF)	Capacitance Tolerance	Voltage (VDC)	Lead and Packaging Code
F = Film	Metallized Polyester	J = 5	See Dimension Table	First two digits represent significant figures. Third digit specifies number of zeros.	J = \pm 5% K = \pm 10% M = \pm 20%	050 = 50 063 = 63 100 = 100 250 = 250 400 = 400 500 = 500 630 = 630	See Ordering Options Table

Ordering Options Table

Lead Spacing Nominal (mm)	Type of Leads and Packaging	Lead Length (mm)	Lead and Packaging Code
5	Standard Lead and Packaging Options		
	Bulk (Bag) – Short Leads	4 +2/-0	C
	Bulk (Bag) – Long Leads	17 +0/-1	A
	Tape & Reel (Standard Reel)	$H_0 = 18.5 \pm 0.5$	L
	Other Lead and Packaging Options		
	Bulk (Bag) – Max Length Leads	20 +5/-0	ALL0L
	Ammo Pack	$H_0 = 18.5 \pm 0.5$	R

Dimensions – Millimeters



Size Code	p		B		H		L		d	
	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance	Nominal	Tolerance
JF	5.0	+/-0.4	2.5	Maximum	6.5	Maximum	7.2	Maximum	0.6	+/-0.05
JG	5.0	+/-0.4	3.5	Maximum	7.5	Maximum	7.2	Maximum	0.6	+/-0.05
JM	5.0	+/-0.4	4.5	Maximum	9.5	Maximum	7.2	Maximum	0.6	+/-0.05
JQ	5.0	+/-0.4	5.0	Maximum	10.0	Maximum	7.2	Maximum	0.6	+/-0.05
JT	5.0	+/-0.4	6.0	Maximum	11.0	Maximum	7.2	Maximum	0.6	+/-0.05

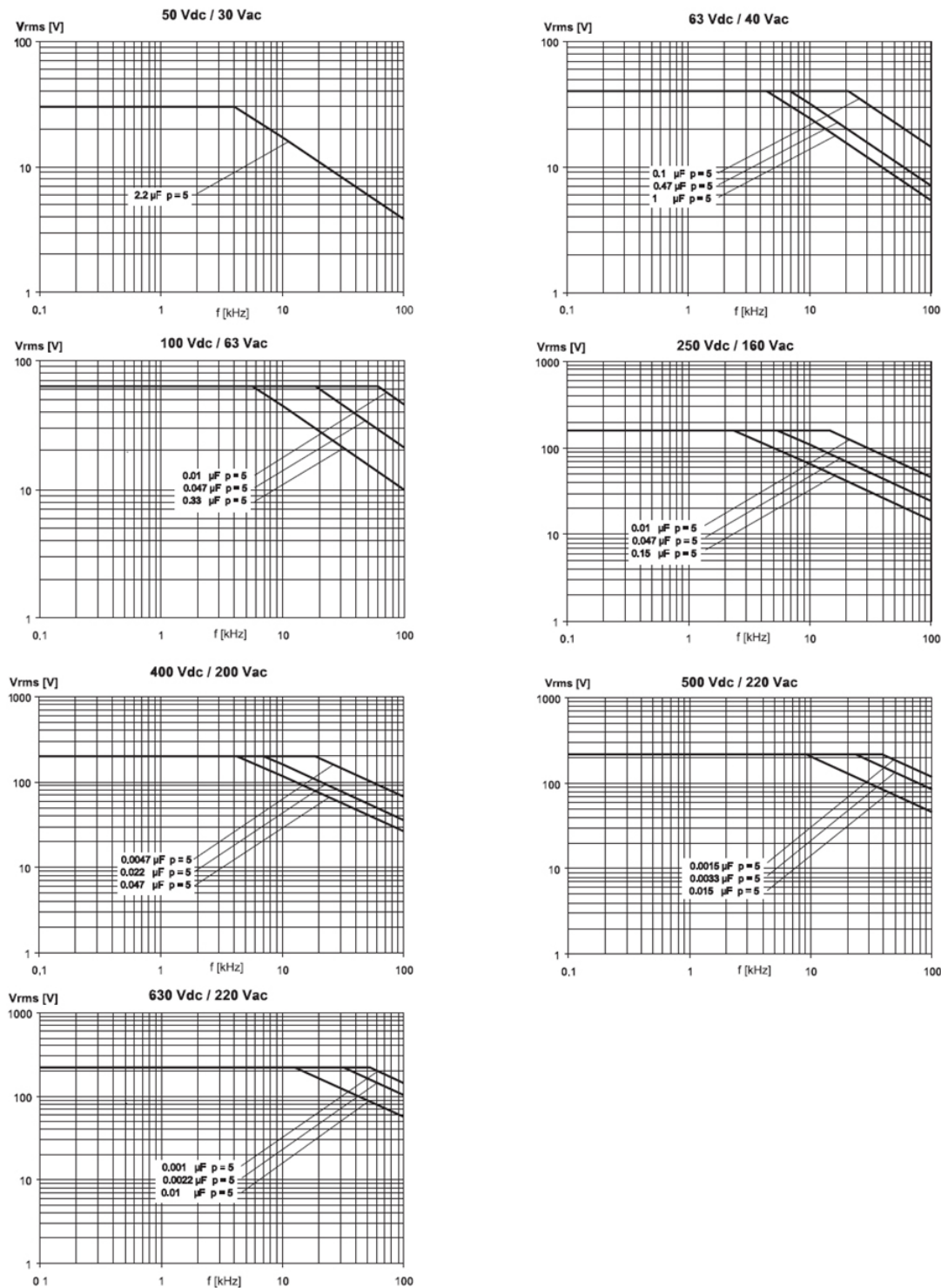
Note: See Ordering Options Table for lead length (LL) options.

Performance Characteristics

Capacitance Tolerance	±20%, ±10%, ±5% on request			
Category Temperature Range	-55°C to 125°C			
Voltage Derating	Above +85°C DC and AC voltage derating is 1.25%/°C			
Rated Temperature	+85°C			
Climatic Category	-55 to +125°C			
	Average relative humidity ≤ 75%			
	RH = 95% for 30 days per year			
	RH = 85% for further days limited by average value per year			
Test Voltage	1.6 x V _R VDC for 2 seconds			
Capacitance Drift	Maximum 3% after a 2 year storage period at a temperature of +10°C to +40°C and a relative humidity of 40% to 60%			
Reliability	Operational life > 200,000 hours			
	Failure rate < 3 FIT, T = +40°C, V = 0.5 x V _R			
	Failure criteria: open circuit, short circuit, cap change > 10%, DF 2 times the catalog limits, IR < 50 MΩ			
Maximum Pulse Steepness	dV/dt according to Table 1. For peak voltages lower than rated voltage (V _{pp} < V _R), the specified dV/dt can be multiplied by the factor V _R /V _{pp} .			
Temperature Coefficient	+400 (±200) ppm/°C at 1 kHz			
Self Inductance	Approximately 6 nH/cm for the total length of capacitor winding and the leads			
Dissipation Factor tanδ	Maximum Values at +23°C			
		C ≤ 0.1 μF	0.1 μF < C ≤ 1.0 μF	C > 1.0 μF
	1 kHz	0.8%	0.8%	0.8%
	10 kHz	1.2%	1.2%	1.5%
	100 kHz	2.5%		
Insulation Resistance	Measured at +20°C, according to IEC 60384-2			
	Minimum Values Between Terminals			
		C ≤ 0.33 μF	C > 0.33 μF and < 1 μF	C > 1.0 μF
	V _R ≤ 100 VDC	15,000 MΩ	5,000 MΩ · μF	1,000 MΩ · μF
	V _R > 100 VDC	30,000 MΩ	10,000 MΩ · μF	

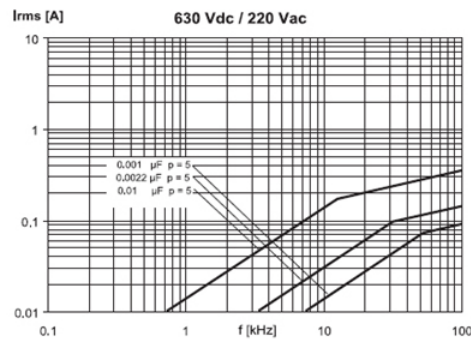
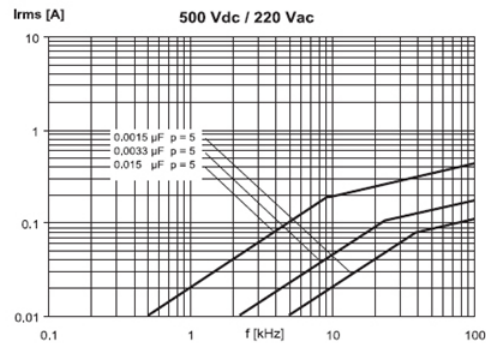
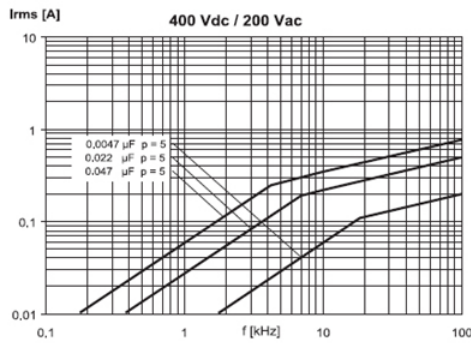
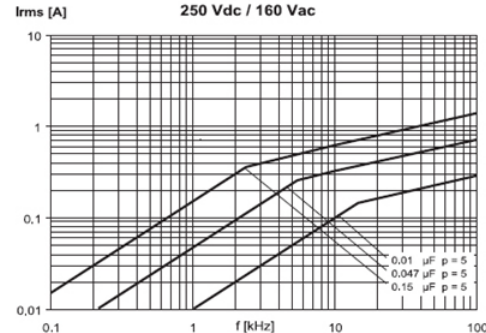
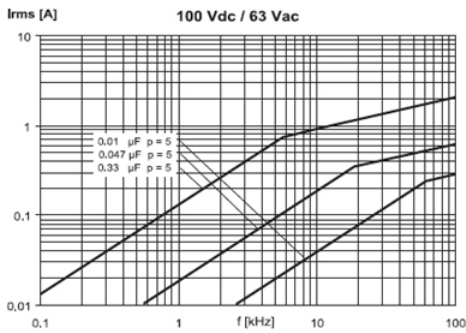
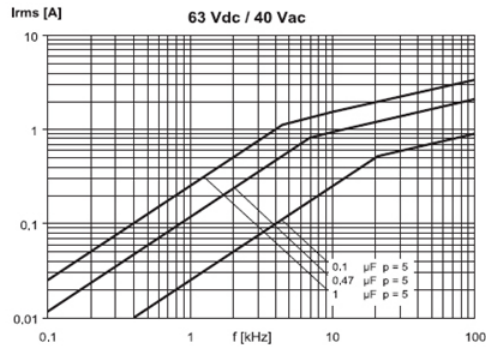
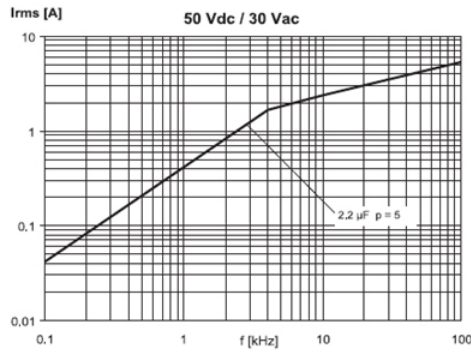
Maximum Voltage (V_{rms}) vs. Frequency (Sinusoidal Waveform/ $T \leq 40^\circ\text{C}$)

Lead Spacing 5 mm



Maximum Current (I_{rms}) vs. Frequency (Sinusoidal Waveform/ $T \leq 40^\circ\text{C}$)

Lead Spacing 5 mm



Environmental Test Data

Damp Heat Test	Test Conditions	T = +40°C, RH = 93%, t = 56 days
	Test Criteria	$\Delta C/C \leq \pm 5\%$ $\Delta \tan\delta \leq 0.005$ (1 kHz) IR after test 0.5 x IR minimum
Endurance Test	Test Conditions	T = +100°C, U = 1.25 x (0.8 x U _R)
	Test Criteria	t = 2,000 hours $\Delta C/C \leq \pm 5\%$ $\Delta \tan\delta \leq 0.005$ (1 kHz) $\Delta \tan\delta \leq 0.010$ (100 kHz) IR after test 0.5 x IR minimum

Environmental Compliance

All KEMET MKTI capacitors are RoHS Compliant.



RoHS Compliant

Table 1 – Ratings & Part Number Reference

VDC	VAC	Capacitance Value (µF)	Size Code	Max Dimensions in mm			Lead Spacing (p)	dV/dt (V/µs)	Part Number
				B	H	L			
50	30	2.2	JT	6.0	11.0	7.2	5.0	200	F622JT225(1)050(2)
63	40	0.10	JF	2.5	6.5	7.2	5.0	250	F622JF104(1)063(2)
63	40	0.12	JF	2.5	6.5	7.2	5.0	250	F622JF124(1)063(2)
63	40	0.15	JF	2.5	6.5	7.2	5.0	250	F622JF154(1)063(2)
63	40	0.18	JF	2.5	6.5	7.2	5.0	250	F622JF184(1)063(2)
63	40	0.22	JF	2.5	6.5	7.2	5.0	250	F622JF224(1)063(2)
63	40	0.27	JG	3.5	7.5	7.2	5.0	250	F622JG274(1)063(2)
63	40	0.33	JG	3.5	7.5	7.2	5.0	250	F622JG334(1)063(2)
63	40	0.39	JG	3.5	7.5	7.2	5.0	250	F622JG394(1)063(2)
63	40	0.47	JG	3.5	7.5	7.2	5.0	250	F622JG474(1)063(2)
63	40	0.56	JM	4.5	9.5	7.2	5.0	250	F622JM564(1)063(2)
63	40	0.68	JM	4.5	9.5	7.2	5.0	250	F622JM684(1)063(2)
63	40	0.82	JM	4.5	9.5	7.2	5.0	250	F622JM824(1)063(2)
63	40	1.0	JQ	5.0	10.0	7.2	5.0	250	F622JQ105(1)063(2)
63	40	1.2	JT	6.0	11.0	7.2	5.0	250	F622JT125(1)063(2)
63	40	1.5	JT	6.0	11.0	7.2	5.0	250	F622JT155(1)063(2)
100	63	0.0047	JF	2.5	6.5	7.2	5.0	300	F622JF472(1)100(2)
100	63	0.0056	JF	2.5	6.5	7.2	5.0	300	F622JF562(1)100(2)
100	63	0.0068	JF	2.5	6.5	7.2	5.0	300	F622JF682(1)100(2)
100	63	0.0082	JF	2.5	6.5	7.2	5.0	300	F622JF822(1)100(2)
100	63	0.010	JF	2.5	6.5	7.2	5.0	300	F622JF103(1)100(2)
100	63	0.012	JF	2.5	6.5	7.2	5.0	300	F622JF123(1)100(2)
100	63	0.015	JF	2.5	6.5	7.2	5.0	300	F622JF153(1)100(2)
100	63	0.018	JF	2.5	6.5	7.2	5.0	300	F622JF183(1)100(2)
100	63	0.022	JF	2.5	6.5	7.2	5.0	300	F622JF223(1)100(2)
100	63	0.027	JF	2.5	6.5	7.2	5.0	300	F622JF273(1)100(2)
100	63	0.033	JF	2.5	6.5	7.2	5.0	300	F622JF333(1)100(2)
100	63	0.039	JF	2.5	6.5	7.2	5.0	300	F622JF393(1)100(2)
100	63	0.047	JF	2.5	6.5	7.2	5.0	300	F622JF473(1)100(2)
100	63	0.056	JF	2.5	6.5	7.2	5.0	300	F622JF563(1)100(2)
100	63	0.068	JF	2.5	6.5	7.2	5.0	300	F622JF683(1)100(2)
100	63	0.082	JG	3.5	7.5	7.2	5.0	300	F622JG823(1)100(2)
100	63	0.10	JG	3.5	7.5	7.2	5.0	300	F622JG104(1)100(2)
100	63	0.12	JM	4.5	9.5	7.2	5.0	300	F622JM124(1)100(2)
100	63	0.15	JM	4.5	9.5	7.2	5.0	300	F622JM154(1)100(2)
100	63	0.18	JM	4.5	9.5	7.2	5.0	300	F622JM184(1)100(2)
100	63	0.22	JQ	5.0	10.0	7.2	5.0	300	F622JQ224(1)100(2)
100	63	0.27	JT	6.0	11.0	7.2	5.0	300	F622JT274(1)100(2)
100	63	0.33	JT	6.0	11.0	7.2	5.0	300	F622JT334(1)100(2)
100	63	0.39	JT	6.0	11.0	7.2	5.0	300	F622JT394(1)100(2)
100	63	0.47	JT	6.0	11.0	7.2	5.0	300	F622JT474(1)100(2)
250	160	0.0010	JF	2.5	6.5	7.2	5.0	400	F622JF102(1)250(2)
250	160	0.0012	JF	2.5	6.5	7.2	5.0	400	F622JF122(1)250(2)
250	160	0.0015	JF	2.5	6.5	7.2	5.0	400	F622JF152(1)250(2)
250	160	0.0018	JF	2.5	6.5	7.2	5.0	400	F622JF182(1)250(2)
250	160	0.0022	JF	2.5	6.5	7.2	5.0	400	F622JF222(1)250(2)
250	160	0.0027	JF	2.5	6.5	7.2	5.0	400	F622JF272(1)250(2)
250	160	0.0033	JF	2.5	6.5	7.2	5.0	400	F622JF332(1)250(2)
250	160	0.0039	JF	2.5	6.5	7.2	5.0	400	F622JF392(1)250(2)
250	160	0.0047	JF	2.5	6.5	7.2	5.0	400	F622JF472(1)250(2)
250	160	0.0056	JF	2.5	6.5	7.2	5.0	400	F622JF562(1)250(2)
250	160	0.0068	JF	2.5	6.5	7.2	5.0	400	F622JF682(1)250(2)
250	160	0.082	JF	2.5	6.5	7.2	5.0	400	F622JF823(1)250(2)
250	160	0.010	JF	2.5	6.5	7.2	5.0	400	F622JF103(1)250(2)
250	160	0.012	JF	2.5	6.5	7.2	5.0	400	F622JF123(1)250(2)
250	160	0.015	JF	2.5	6.5	7.2	5.0	400	F622JF153(1)250(2)
250	160	0.018	JF	2.5	6.5	7.2	5.0	400	F622JF183(1)250(2)
250	160	0.022	JG	3.5	7.5	7.2	5.0	400	F622JG223(1)250(2)
250	160	0.027	JG	3.5	7.5	7.2	5.0	400	F622JG273(1)250(2)
VDC	VAC	Capacitance Value (µF)	Size Code	B (mm)	H (mm)	L (mm)	Lead Spacing (p)	dV/dt (V/µs)	Part Number

(1) K = ±10%, M = ±20%, J = ±5% on request.

(2) Insert lead and packaging code. See table for available options.

Table 1 – Ratings & Part Number Reference cont'd

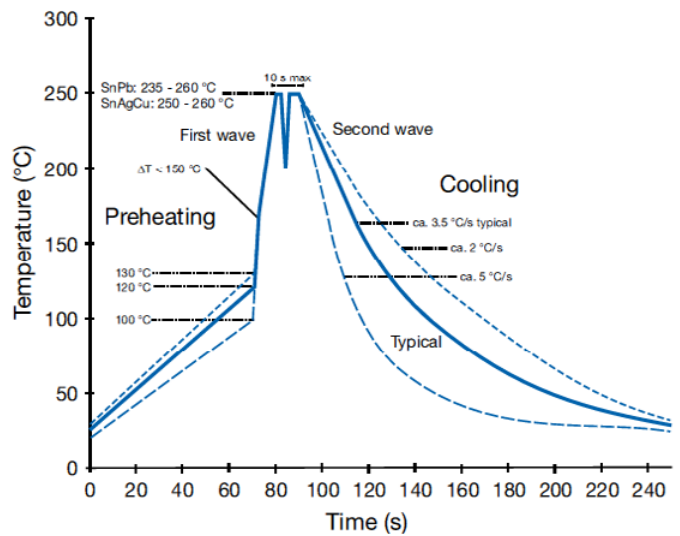
VDC	VAC	Capacitance Value (µF)	Size Code	Max Dimensions in mm			Lead Spacing (p)	dV/dt (V/µs)	Part Number
				B	H	L			
250	160	0.033	JG	3.5	7.5	7.2	5.0	400	F622JG333(1)250(2)
250	160	0.039	JG	3.5	7.5	7.2	5.0	400	F622JG393(1)250(2)
250	160	0.047	JM	4.5	9.5	7.2	5.0	400	F622JM473(1)250(2)
250	160	0.056	JM	4.5	9.5	7.2	5.0	400	F622JM563(1)250(2)
250	160	0.068	JM	4.5	9.5	7.2	5.0	400	F622JM683(1)250(2)
250	160	0.082	JM	4.5	9.5	7.2	5.0	400	F622JM823(1)250(2)
250	160	0.10	JQ	5.0	10.0	7.2	5.0	400	F622JQ104(1)250(2)
250	160	0.12	JT	6.0	11.0	7.2	5.0	400	F622JT124(1)250(2)
250	160	0.15	JT	6.0	11.0	7.2	5.0	400	F622JT154(1)250(2)
400	200	0.0010	JF	2.5	6.5	7.2	5.0	600	F622JF102(1)400(2)
400	200	0.0012	JF	2.5	6.5	7.2	5.0	600	F622JF122(1)400(2)
400	200	0.0015	JF	2.5	6.5	7.2	5.0	600	F622JF152(1)400(2)
400	200	0.0018	JF	2.5	6.5	7.2	5.0	600	F622JF182(1)400(2)
400	200	0.0022	JF	2.5	6.5	7.2	5.0	600	F622JF222(1)400(2)
400	200	0.0027	JF	2.5	6.5	7.2	5.0	600	F622JF272(1)400(2)
400	200	0.0033	JF	2.5	6.5	7.2	5.0	600	F622JF332(1)400(2)
400	200	0.0039	JF	2.5	6.5	7.2	5.0	600	F622JF392(1)400(2)
400	200	0.0047	JF	2.5	6.5	7.2	5.0	600	F622JF472(1)400(2)
400	200	0.0056	JG	3.5	7.5	7.2	5.0	600	F622JG562(1)400(2)
400	200	0.0068	JG	3.5	7.5	7.2	5.0	600	F622JG682(1)400(2)
400	200	0.0082	JG	3.5	7.5	7.2	5.0	600	F622JG822(1)400(2)
400	200	0.010	JG	3.5	7.5	7.2	5.0	600	F622JG103(1)400(2)
400	200	0.012	JG	3.5	7.5	7.2	5.0	600	F622JG123(1)400(2)
400	200	0.015	JG	3.5	7.5	7.2	5.0	600	F622JG153(1)400(2)
400	200	0.018	JM	4.5	9.5	7.2	5.0	600	F622JM183(1)400(2)
400	200	0.022	JM	4.5	9.5	7.2	5.0	600	F622JM223(1)400(2)
400	200	0.027	JM	4.5	9.5	7.2	5.0	600	F622JM273(1)400(2)
400	200	0.033	JQ	5.0	10.0	7.2	5.0	600	F622JQ333(1)400(2)
400	200	0.039	JQ	5.0	10.0	7.2	5.0	600	F622JQ393(1)400(2)
400	200	0.047	JT	6.0	11.0	7.2	5.0	600	F622JT473(1)400(2)
400	200	0.056	JT	6.0	11.0	7.2	5.0	600	F622JT563(1)400(2)
500	220	0.0010	JF	2.5	6.5	7.2	5.0	700	F622JF102(1)500(2)
500	220	0.0012	JF	2.5	6.5	7.2	5.0	700	F622JF122(1)500(2)
500	220	0.0015	JF	2.5	6.5	7.2	5.0	700	F622JF152(1)500(2)
500	220	0.0018	JF	2.5	6.5	7.2	5.0	700	F622JF182(1)500(2)
500	220	0.0022	JG	3.5	7.5	7.2	5.0	700	F622JG222(1)500(2)
500	220	0.0027	JG	3.5	7.5	7.2	5.0	700	F622JG272(1)500(2)
500	220	0.0033	JG	3.5	7.5	7.2	5.0	700	F622JG332(1)500(2)
500	220	0.0039	JG	3.5	7.5	7.2	5.0	700	F622JG392(1)500(2)
500	220	0.0047	JG	3.5	7.5	7.2	5.0	700	F622JG472(1)500(2)
500	220	0.0056	JM	4.5	9.5	7.2	5.0	700	F622JM562(1)500(2)
500	220	0.0068	JM	4.5	9.5	7.2	5.0	700	F622JM682(1)500(2)
500	220	0.0082	JM	4.5	9.5	7.2	5.0	700	F622JM822(1)500(2)
500	220	0.010	JQ	5.0	10.0	7.2	5.0	700	F622JQ103(1)500(2)
500	220	0.012	JT	6.0	11.0	7.2	5.0	700	F622JT123(1)500(2)
500	220	0.015	JT	6.0	11.0	7.2	5.0	700	F622JT153(1)500(2)
630	220	0.0010	JF	2.5	6.5	7.2	5.0	800	F622JF102(1)630(2)
630	220	0.0012	JF	2.5	6.5	7.2	5.0	800	F622JF122(1)630(2)
630	220	0.0015	JG	3.5	7.5	7.2	5.0	800	F622JG152(1)630(2)
630	220	0.0018	JG	3.5	7.5	7.2	5.0	800	F622JG182(1)630(2)
630	220	0.0022	JG	3.5	7.5	7.2	5.0	800	F622JG222(1)630(2)
630	220	0.0027	JG	3.5	7.5	7.2	5.0	800	F622JG272(1)630(2)
630	220	0.0033	JM	4.5	9.5	7.2	5.0	800	F622JM332(1)630(2)
630	220	0.0039	JM	4.5	9.5	7.2	5.0	800	F622JM392(1)630(2)
630	220	0.0047	JM	4.5	9.5	7.2	5.0	800	F622JM472(1)630(2)
630	220	0.0056	JM	4.5	9.5	7.2	5.0	800	F622JM562(1)630(2)
630	220	0.0068	JQ	5.0	10.0	7.2	5.0	800	F622JQ682(1)630(2)
630	220	0.0082	JT	6.0	11	7.2	5.0	800	F622JT822(1)630(2)
630	220	0.010	JT	6.0	11	7.2	5.0	800	F622JT103(1)630(2)
VDC	VAC	Capacitance Value (µF)	Size Code	B (mm)	H (mm)	L (mm)	Lead Spacing (p)	dV/dt (V/µs)	Part Number

(1) K = ±10%, M = ±20%, J = ±5% on request.

(2) Insert lead and packaging code. See table for available options.

Soldering Process

The implementation of the RoHS Directive has required the selection SnAuCu (SAC) alloys or SnCu alloys as primary solder. This has increased the liquidus temperature from that of 183°C for SnPb eutectic alloy to 217°C – 221°C for the new alloys. As a result, the heat stress to components, even in wave soldering, has increased considerably due to higher pre-heat and wave temperatures. Wave soldering can be destructive especially for mechanically small polypropylene capacitors and great care must be taken during soldering. The solder profiles from KEMET are highly recommended. You may also refer to the wave soldering curve from IEC Publication 61760–1 Edition 2. Please consult KEMET with any questions.



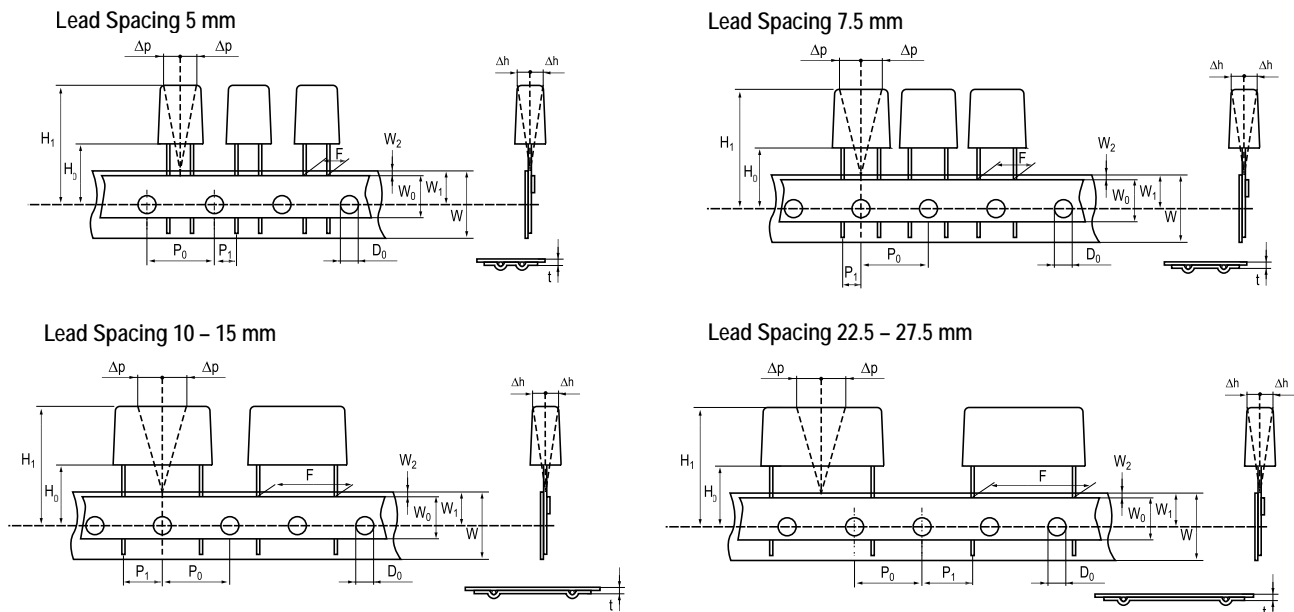
Marking

- KEMET’s logo
- Series
- Capacitance
- Capacitance tolerance
- Rated voltage
- IEC climatic category
- Passive flammability class
- Manufacturing date code

Packaging Quantities

Size Code	Lead Spacing	Thickness (mm)	Height (mm)	Length (mm)	Bulk Short Leads	Bulk Long Leads	Standard Reel \varnothing 355 mm	Ammo
JF	5	2.5	6.5	7.2	3000	4000	2500	3500
JG		3.5	7.5	7.2	2000	3000	1800	2500
JM		4.5	9.5	7.2	1500	2000	1400	1900
JQ		5.0	10.0	7.2	1000	1500	1200	1700
JT		6	11	7.2	2000	1000	1000	1400
JU		7.2	13	7.2	1500	750	800	1150

Lead Taping & Packaging (IEC 60286–2)



Taping Specification

Dimensions in mm									Standard IEC 60286–2
Lead spacing	+6/-0.1	F	5	7.5	10	15	22.5	27.5	F
Carrier tape width	+1/-0.5	W	18	18	18	18	18	18	18 ^{+1/-0.5}
Hold-down tape width	Minimum	W ₀	6	6	9	10	10	10	
Position of sprocket hole	+/-0.5	W ₁	9	9	9	9	9	9	9 ^{+0.75/-0.5}
Distance between tapes	Maximum	W ₂	3	3	3	3	3	3	3
Sprocket hole diameter	+/-0.2	D ₀	4	4	4	4	4	4	4
Feed hole lead spacing	+/-0.2 ⁽¹⁾	P ₀ ⁽³⁾	12.7	12.7	12.7	12.7	12.7	12.7	12.7
Distance lead – feed hole	+/-0.7	P ₁	3.85	3.75	7.7	5.2	7.8	5.3	P ¹
Deviation tape – plane	Maximum	Δp	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Lateral deviation	+/-2	Δh	2	2	2	2	2	2	2
Total thickness	+/-0.2	t	0.7	0.7	0.7	0.7	0.9 ^{MAX}	0.9 ^{MAX}	0.9 ^{MAX}
Sprocket hole/cap body	+/-0.5	H ₀ ⁽²⁾	18.5 ^{+/-0.5}	18.5 ^{+/-0.5}	18.5 ^{+/-0.5}	18.5 ^{+/-0.5}	18.5 ^{+/-0.5}	18.5 ^{+/-0.5}	18 ^{+2/-0}

(1) Maximum cumulative feed hole error, 1 mm per 20 parts.

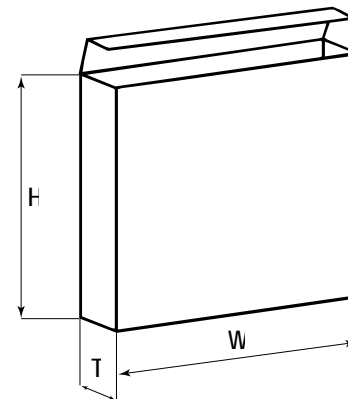
(2) 16.5 mm available on request.

(3) 15 mm available on request (F ≥ 10 mm).

Lead Taping & Packaging (IEC 60286–2) cont'd

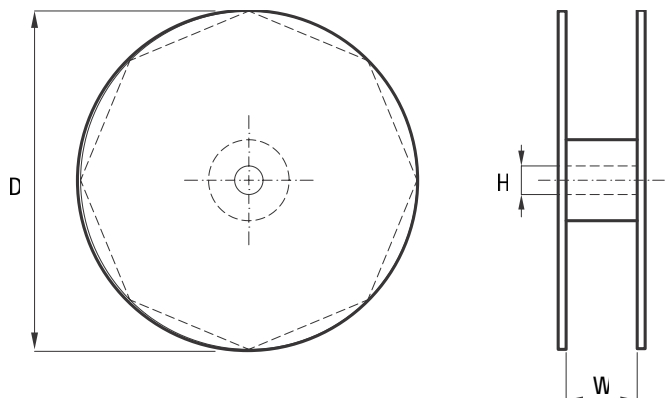
Ammo Specifications

Series	Dimensions (mm)		
	H	W	T
R4x, R4x+R, R7x, RSB	360	340	59
F5A, F5B, F5D			
F6xx, F8xx			
PHExxx, PMExxx, PMRxxx	330	330	50



Reel Specifications

Series	Dimensions (mm)		
	D	H	W
R4x, R4x+R, R7x, RSB	355 500	30	55 (Max)
F5A, F5B, F5D		25	
F6xx, F8xx			
PHExxx, PMExxx, PMRxxx	360 500	30	46 (Max)



Manufacturing Date Code (IEC–60062)

Y = Year, Z = Month			
Year	Code	Month	Code
2000	M	January	1
2001	N	February	2
2002	P	March	3
2003	R	April	4
2004	S	May	5
2005	T	June	6
2006	U	July	7
2007	V	August	8
2008	W	September	9
2009	X	October	O
2010	A	November	N
2011	B	December	D
2012	C		
2013	D		
2014	E		
2015	F		
2016	H		
2017	J		
2018	K		
2019	L		
2020	M		

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Novi, MI
Tel: 248-994-1030

West
Milpitas, CA
Tel: 408-433-9950

Mexico
Guadalajara, Jalisco
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Tel: 33-1-4646-1006

Sasso Marconi, Italy
Tel: 39-051-939111

Central Europe
Landsberg, Germany
Tel: 49-8191-3350800

Kamen, Germany
Tel: 49-2307-438110

Northern Europe
Bishop's Stortford, United Kingdom
Tel: 44-1279-460122

Espoo, Finland
Tel: 358-9-5406-5000

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Tel: 852-2305-1168

Shenzhen, China
Tel: 86-755-2518-1306

Beijing, China
Tel: 86-10-5829-1711

Shanghai, China
Tel: 86-21-6447-0707

Taipei, Taiwan
Tel: 886-2-27528585

Southeast Asia
Singapore
Tel: 65-6586-1900

Penang, Malaysia
Tel: 60-4-6430200

Bangalore, India
Tel: 91-806-53-76817

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Other KEMET Resources

Tools	
Resource	Location
Configure A Part: CapEdge	http://capacitoredge.kemet.com
SPICE & FIT Software	http://www.kemet.com/spice
Search Our FAQs: KnowledgeEdge	http://www.kemet.com/keask
Electrolytic LifeCalculator	http://www.kemet.com:8080/elc

Product Information	
Resource	Location
Products	http://www.kemet.com/products
Technical Resources (Including Soldering Techniques)	http://www.kemet.com/technicalpapers
RoHS Statement	http://www.kemet.com/rohs
Quality Documents	http://www.kemet.com/qualitydocuments

Product Request	
Resource	Location
Sample Request	http://www.kemet.com/sample
Engineering Kit Request	http://www.kemet.com/kits

Contact	
Resource	Location
Website	www.kemet.com
Contact Us	http://www.kemet.com/contact
Investor Relations	http://www.kemet.com/ir
Call Us	1-877-MyKEMET
Twitter	http://twitter.com/kemetcapacitors

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Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated or that other measures may not be required.

