

Material Composition Declaration

Film & Paper Capacitors Surface Mount



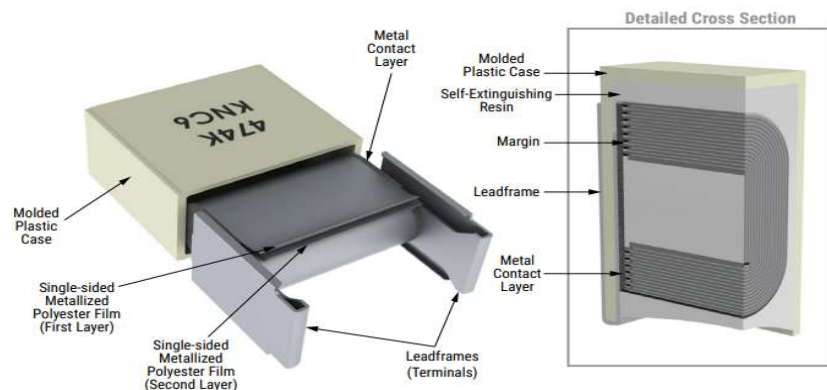
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Material Declaration Plastic film capacitor

F161 SERIES Encapsulated Stacked, Size 2220 – 6560, 50 – 630 VDC (Automotive Grade)

Construction



Voltage Range :

50 – 630 VDC

Capacitance Range :

0.01 – 12 μ F

Size range :

22.20 - 65.60

Environmental Compliance

Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3086_F161.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized PET Film	Polyethylene Terephthalate	see Annex1	PET	25038-59-9
		Aluminium		Al	7429-90-5
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray	Tin		Sn	7440-31-5
		Copper		Cu	7440-50-8
Encapsulation	Thermosetting Resin	Modified cured EP		Epoxy resin	-
		Titanium-dioxide		TiO2	13463-67-7
	Plastic Case	Polyphenylene sulfide		PPS	9016-75-5
		Glass-Fiber		GF	-
		Further additives		Further additives	-
Termination	Core Metal	Copper		Cu	7440-50-8
		Tin		Sn	7440-31-5
	Finish plating	Tin		Sn	7440-31-5

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 1

Material Declaration Plastic film capacitor

F161 SERIES [Encapsulated Stacked, Size 2220 – 6560, 50 – 630 VDC \(Automotive Grade\)](#)

Size mm				22.20	28.24	40.36	50.45	65.60
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.22 uF Box dimension 5x4x5,7 mm	MAXIMUM size - Cap 1 uF Box dimension 6x4,5x7,3 mm	MAXIMUM size - Cap 2.2 uF Box dimension 9,1x5,5x10,2 mm	MAXIMUM size - Cap 4.7 uF Box dimension 11,5x6,5x12,7 mm	MAXIMUM size - Cap 12 uF Box dimension 15x7x16,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PET	25038-59-9	0,0602	0,0809	0,1810	0,3986	0,9490
	Metal	Al	7429-90-5	0,0438	0,0088	0,0152	0,0255	0,0452
	Metal	Sn	7440-31-5	0,0256	0,0434	0,0681	0,1036	0,2020
	Metal	Cu	7440-50-8	0,0008	0,0013	0,0021	0,0032	0,0062
Homogeneous Level Weight				0,1304	0,4008	0,7973	0,5309	1,2024
Encapsulation	Thermosetting Resin	Modified cured EP	-	0,0531	0,0847	0,2233	0,4689	0,2748
		Titanium-dioxide	13463-67-7	0,0005	0,0009	0,0023	0,0047	0,0028
	Thermoplastics	PPS	9016-75-5	0,0378	0,0561	0,1451	0,2602	0,4207
		Glass-Fiber	-	0,0256	0,0380	0,0984	0,1764	0,2852
		Additives	-	0,0006	0,0010	0,0025	0,0044	0,0071
Homogeneous Level Weight				0,1176	0,1807	0,4716	0,9146	0,99063
Termination	Core Metal	Cu	7440-50-8	0,1040	0,1264	0,2790	0,3201	0,3800
	Finish plating	Sn	7440-31-5	0,0072	0,0088	0,0194	0,0223	0,0264
Homogeneous Level Weight				0,1112	0,1352	0,2984	0,3424	0,4064
Total Weight				0,3592	0,7167	1,5673	1,7879	2,5994

Remark: Material declaration of special part number or part number with C-spec will be individually released.

Material Declaration Plastic film capacitor

LDE Series [Unencapsulated Stacked Chip, Size 1206 – 6054, 50 – 1,000 VDC \(Automotive Grade\)](#)



Voltage Range : 50 – 1000 VDC

Capacitance Range : 0.001 – 4.7 μ F

Size : 12.06 – 60.54

https://content.kemet.com/datasheets/KEM_F3078_LDE.pdf

Environmental Compliance	
Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized PEN Film	Polyethylene Naphthalate	see Annex 2	PEN	25853-85-4
		Aluminum		Al	7429-90-5
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray (Brass)	Zn		Zn	7440-66-6
		Copper		Cu	7440-50-8
Termination	Underlayer	Nickel		Ni	7440-02-0
	Finish plating	Tin		Sn	7440-31-5

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 2

Material Declaration Plastic Film Capacitor



LDE Series [Unencapsulated Stacked Chip, Size 1206 – 6054, 50 – 1,000 VDC \(Automotive Grade\)](#)

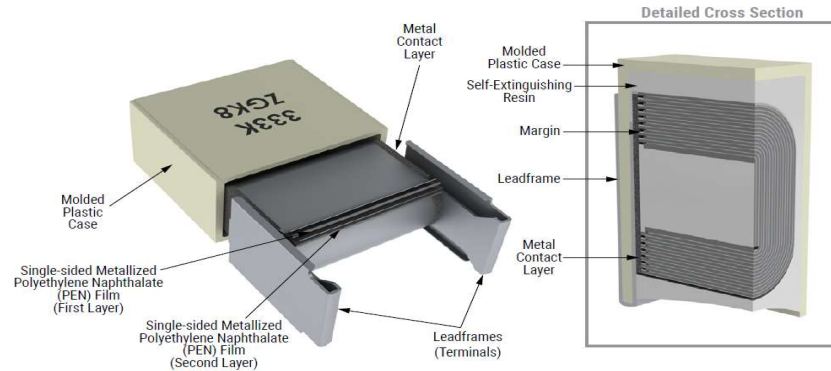
Size mm				1206	1210	1812	2220	2824	4030	5040	6054
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size Cap 0.033uF Dimension 1,7x1,2x3,3 mm	MAXIMUM size Cap 0.1 uF Dimension 2,5x2,1x3,3 mm	MAXIMUM size Cap 0.22 uF Dimension 3,3x2,4x4,7m m	MAXIMUM size Cap 1 uF Dimension 5x4,4x6,0 mm	MAXIMUM size Cap 0,1 uF Dimension 6,1x5,4x7,3 mm	MAXIMUM size Cap 3.9 uF Dimension 7,9x5,5x10,5 mm	MAXIMUM size Cap 3.3 uF Dimension 10,4x5,7x13 mm	MAXIMUM size Cap 1,5 uF Dimension 13,7x5,7x15,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PEN	25853-85-4	0.00389	0.01103	0.02394	0.10831	0.21901	0.44153	0.77622	1.26781
	Metal	Al	7429-90-5	0.00505	0.00949	0.01212	0.02957	0.04455	0.05862	0.08559	0.11821
	Metal	Zn	7440-66-6	0.00432	0.00810	0.01008	0.02376	0.03702	0.04617	0.06791	0.09049
	Metal	Cu	7440-50-8	0.00768	0.01440	0.01792	0.04224	0.06580	0.08209	0.12074	0.16086
Homogeneous Level Weight				0.02094	0.04302	0.06406	0.20388	0.36638	0.62841	1.05046	1.63737
Termination	Undelayer	Ni	7440-02-0	0.00007	0.00015	0.00020	0.00054	0.00077	0.00138	0.00184	0.00252
	Finish plating	Sn	7440-31-5	0.00090	0.00198	0.00270	0.00726	0.01206	0.01860	0.02467	0.03388
Homogeneous Level Weight				0.00097	0.00212	0.00290	0.00780	0.01283	0.01998	0.02651	0.03640
Total Weight				0.0219	0.0451	0.0670	0.2117	0.3792	0.6484	1.0770	1.6738

Material Declaration Plastic film capacitor

GMC SERIES Encapsulated, Size 2220 – 6560, 50 – 630 VDC (F115 SERIES)



Construction



Voltage Range :

50 – 630 VDC

Capacitance Range :

0.001 – 5.6 μ F

Size range :

22.20 - 65.60

Environmental Compliance

Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3079_GMC.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized PEN Film	Polyethylene Naphthalate	see Annex 3	PEN	25853-85-4
		Aluminium		Al	7429-90-5
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray	Copper (*)		Cu	7440-50-8
	Metal Spray	Tin		Sn	7440-31-5
		Copper		Cu	7440-50-8
Encapsulation	Thermosetting Resin	Modified cured EP		Epoxy resin	-
		Titanium-dioxide		TiO2	13463-67-7
	Plastic Case	Polyphenylene sulfide		PPS	9016-75-5
		Glass-Fiber		GF	-
		Further Additives		-	-
Termination	Core Metal	Copper		Cu	7440-50-8
		Tin		Sn	7440-31-5
	Finish plating	Tin		Sn	7440-31-5

(*) version available for some PN's

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 3

Material Declaration Plastic film capacitor

GMC SERIES Encapsulated, Size 2220 – 6560, 50 – 630 VDC (F115 SERIES)

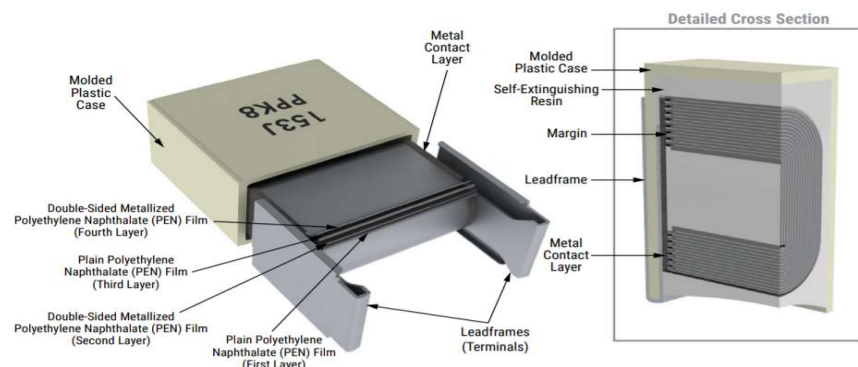


Size mm				22.20	28.24	40.36	50.45	65.60
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.18 uF Box dimension 5x4x5,7 mm	MAXIMUM size - Cap 0.39 uF Box dimension 6x4,5x7,3 mm	MAXIMUM size - Cap 1.2 uF Box dimension 9,1x5,5x10,2 mm	MAXIMUM size - Cap 3.0 uF Box dimension 11,5x6,5x12,7 mm	MAXIMUM size - Cap 5.6 uF Box dimension 15x7x16,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PEN	25853-85-4	0,0240	0,0415	0,1274	0,2566	0,5312
	Metal	Al	7429-90-5	0,0009	0,0093	0,0326	0,0803	0,1246
	Metal	Sn	7440-31-5	0,0419	0,0512	0,0623	0,3341	0,5162
	Metal	Cu	7440-50-8	0,0013	0,0016	0,0247	0,1213	0,1876
Homogeneous Level Weight				0,0681	0,1036	0,2470	0,7923	1,3596
Encapsulation	Thermosetting Resin	Modified cured EP	-	0,0523	0,1093	0,2732	0,3287	0,4277
		Titanium-dioxide	13463-67-7	0,0005	0,0011	0,0028	0,0033	0,0043
	Thermoplastics	PPS	9016-75-5	0,0378	0,0561	0,1451	0,2602	0,4207
		GF	-	0,0256	0,0380	0,0984	0,1764	0,2852
		Further Additives	-	0,0006	0,0010	0,0025	0,0044	0,0071
Homogeneous Level Weight				0,1168	0,2055	0,5220	0,7730	1,1450
Termination	Core Metal	Cu	7440-50-8	0,1040	0,1264	0,2790	0,3201	0,3800
	Finish plating	Sn	7440-31-5	0,0072	0,0088	0,0194	0,0223	0,0264
Homogeneous Level Weight				0,1112	0,1352	0,2984	0,3424	0,4064
Total Weight				0,2961	0,4443	1,0674	1,9077	2,9110

Material Declaration Plastic film capacitor

GPC SERIES [Encapsulated Double Metallized Film, Size 2824 – 6560, 63 – 1,000 VDC \(F117 SERIES\)](#) **KEMET** a YAGEO company

Construction



Voltage Range : 63 – 1000 VDC

Capacitance Range : 0.00047 – 1.0 μ F

Size range : 28.24 - 65.60

Environmental Compliance

Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3080_GPC.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized PEN Film	Polyethylene Naphthalate	see Annex 4	PEN	25853-85-4
		Aluminium		Al	7429-90-5
	Plain PEN Film	Polyethylene Naphthalate		PEN	25853-85-4
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray	Copper (*)		Cu	7440-50-8
	Metal Spray	Tin		Sn	7440-31-5
		Copper		Cu	7440-50-8
	Encapsulation	Thermosetting Resin		Modified cured EP	Epoxy resin
Titanium-dioxide				TiO2	13463-67-7
Plastic Case		Polyphenylene sulfide		PPS	9016-75-5
		Glass-Fiber		GF	-
		Further Additives		-	-
		Termination		Core Metal	Copper
Tin	Sn				7440-31-5
Finish plating	Tin			Sn	7440-31-5

(*) alternative available for some PNs

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 4

Material Declaration Plastic film capacitor

GPC SERIES [Encapsulated Double Metallized Film, Size 2824 – 6560, 63 – 1,000 VDC \(F117 SERIES\)](#)

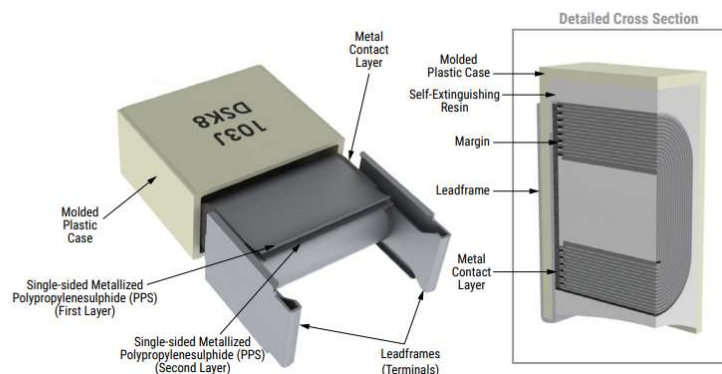
Size mm				28.24	40.36	50.45	65.60
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.1 uF Box dimension 6x4,5x7,3 mm	MAXIMUM size - Cap 0.33 uF Box dimension 9,1x5,5x10,2 mm	MAXIMUM size - Cap 0.47 uF Box dimension 11,5x6,5x12,7 mm	MAXIMUM size - Cap 1.0 uF Box dimension 15x7x16,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PEN	25853-85-4	0,0526	0,1864	0,2811	0,6224
	Metal	Al	7429-90-5	0,0117	0,0438	0,0804	0,1252
	Metal	Sn	7440-31-5	0,0623	0,0838	0,3341	0,5162
	Metal	Cu	7440-50-8	0,0019	0,0332	0,1213	0,1876
Homogeneous Level Weight				0,1285	0,3472	0,8169	1,4514
Encapsulation	Thermosetting Resin	Modified cured EP	-	0,0982	0,2265	0,3287	0,4293
		Titanium-dioxide	13463-67-7	0,0010	0,0023	0,0033	0,0043
	Thermoplastics	PPS	9016-75-5	0,0561	0,1451	0,2602	0,4207
		GF	-	0,0380	0,0984	0,1764	0,2852
		Further Additives	-	0,0010	0,0025	0,0044	0,0071
Homogeneous Level Weight				0,1943	0,4748	0,7730	1,1466
Termination	Core Metal	Cu	7440-50-8	0,1264	0,2790	0,3201	0,3800
	Finish plating	Sn	7440-31-5	0,0088	0,0194	0,0223	0,0264
Homogeneous Level Weight				0,1352	0,2984	0,3424	0,4064
Total Weight				0,4580	1,1204	1,9323	3,0044

Material Declaration Plastic film capacitor

SMC SERIES Encapsulated, Size 2220 – 6560, 50 – 400 VDC (F125 SERIES)



Construction



Voltage Range : 50– 400 VDC

Capacitance Range : 0.001 – 3.3 μ F

Size range : 22.20 - 65.60

Environmental Compliance	
Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3083_SMC.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized PPS Film	Polyphenylene sulfide	see Annex 5	PPS	9016-75-5
		Aluminium		Al	7429-90-5
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray	Copper (*)		Cu	7440-50-8
	Metal Spray	Tin		Sn	7440-31-5
		Copper		Cu	7440-50-8
Encapsulation	Thermosetting Resin	Modified cured EP		Epoxy resin	-
		Titanium-dioxide		TiO2	13463-67-7
	Plastic Case	Polyphenylene sulfide		PPS	9016-75-5
		Glass-Fiber		GF	-
		Further additives		Further additives	-
Termination	Core Metal	Copper		Cu	7440-50-8
		Tin		Sn	7440-31-5
	Finish plating	Tin		Sn	7440-31-5

(*) alternative available for some PNs

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 5

Material Declaration Plastic film capacitor

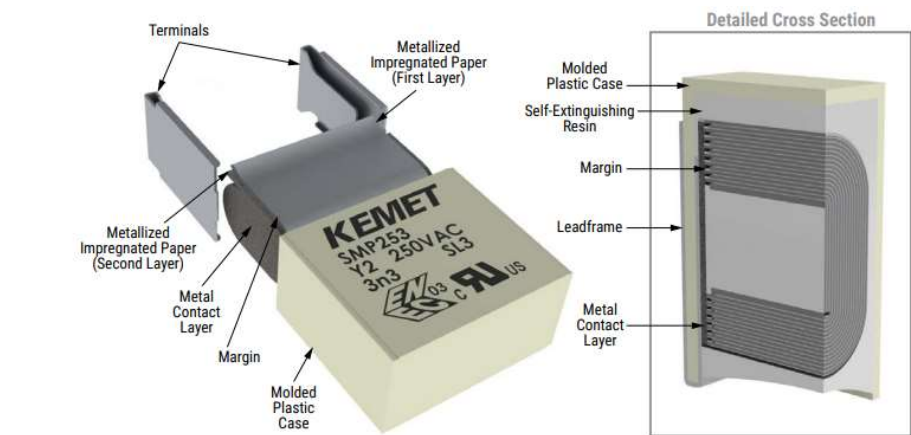
SMC SERIES [Encapsulated, Size 2220 – 6560, 50 – 400 VDC](#) (F125 SERIES)



Size mm				22.20	28.24	40.36	50.45	65.60
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.1 uF Box dimension 5x4x5,7 mm	MAXIMUM size - Cap 0.22 uF Box dimension 6x4,5x7,3 mm	MAXIMUM size - Cap 0.82 uF Box dimension 9,1x5,5x10,2 mm	MAXIMUM size - Cap 1.5 uF Box dimension 11,5x6,5x12,7 mm	MAXIMUM size - Cap 3.3 uF Box dimension 15x7x16,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PPS	9016-75-5	0,0261	0,0519	0,1810	0,3149	0,6688
	Metal	Al	7429-90-5	0,0095	0,0135	0,0511	0,0913	0,1481
	Metal	Sn	7440-31-5	0,0466	0,0617	0,0856	0,3341	0,5168
	Metal	Cu	7440-50-8	0,0014	0,0019	0,0338	0,1213	0,1882
Homogeneous Level Weight				0,0836	0,4805	0,3515	0,8616	1,5219
Encapsulation	Thermosetting Resin	Modified cured EP	-	0,0531	0,0950	0,2130	0,3287	0,4277
		Titanium-dioxide	13463-67-7	0,0005	0,0010	0,0022	0,0033	0,0043
	Thermoplastics	PPS	9016-75-5	0,0378	0,0561	0,1451	0,2602	0,4207
		Glass-Fiber	-	0,0256	0,0380	0,0984	0,1764	0,2852
		Further additives	-	0,0006	0,0010	0,0025	0,0044	0,0071
Homogeneous Level Weight				0,1176	0,1911	0,4612	0,7730	1,14503
Termination	Core Metal	Cu	7440-50-8	0,1040	0,1264	0,2790	0,3201	0,3800
	Finish plating	Sn	7440-31-5	0,0072	0,0088	0,0194	0,0223	0,0264
Homogeneous Level Weight				0,2464	0,1352	0,2984	0,3424	0,4064
Total Weight				0,448	0,807	1,111	1,977	3,0733

Material Declaration Impregnated Metallized Paper Capacitor

SMP253 Series Pitch 12.7 [Metallized Impregnated Paper, 250 VAC](#)



Voltage Range : 250 VAC
Capacitance Range : 0.001 – 0.0047 µF
Lead Spacing : 12.7mm

Environmental Compliance	
Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3018_SMP253_Y2_250.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Metallized Paper Film	Capacitor paper	see Annex 6	-	-
		Zinc		Zn	7440-66-6
		Silver		Ag	7440-22-4
	Paper Film	Capacitor paper		-	-
	Aluminium foil	Aluminium		Al	7429-90-5
	Metal Spray	Zinc		Zn	7440-66-6
	Metal Spray	Tin		Sn	7440-31-5
		Antimony		Sb	7440-36-0
Encapsulation	Thermosetting Resin	Epoxy resin		Epoxy resin	-
		Halogenated Flame Ret. except for PBB and PBDE		-	-
	Plastic Case	PPS		PPS	9016-75-5
		Glass Fibre		GF	65997-17-3
		Bronze (CuSn6)		CuSn6	-
Termination	Tin coated lead frame	Tin (Sn)		Sn	7440-31-5

Remark: Material declaration of special part number or part number with C-spec will be individually released.

<https://www.kemet.com/en/us/rohs-documents.html>

Annex 6

Material Declaration Impregnated Metallized Paper Capacitor

SMP253 Series Pitch 12.7 [Metallized Impregnated Paper, 250 VAC](#)

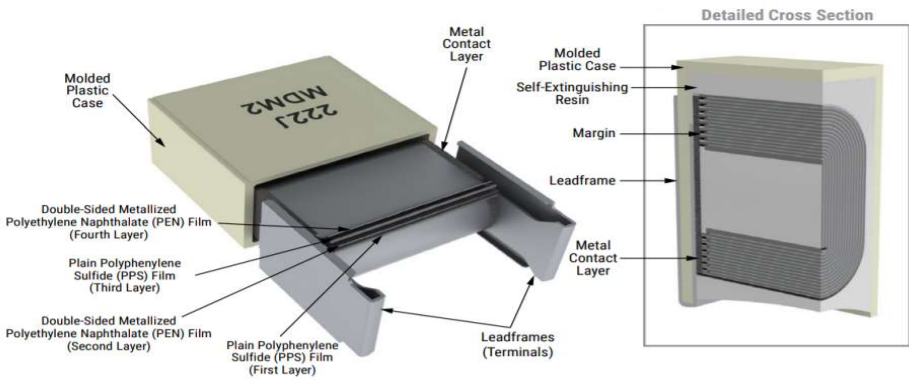


Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.0047µF Box dimension 11.5x6.5x12.7 mm
				Weight (gr)
Element	Capacitor paper	Capacitor paper	-	0.164
	Metal	Zn	7440-66-6	0.113
	Metal	Ag	7440-22-4	0.00004
	Metal	Al	7429-90-5	0.008
	Metal	Sn	7440-31-5	0.033
	Metal	Sb	7440-36-0	0.004
Homogeneous Level Weight				0.322
Encapsulation	Thermosetting Resin	Epoxy resin	-	0.420
	Flame retardant	Halogenated Flame Ret. except for PBB and PBDE	-	0.132
	Plastic Case	PPS	9016-75-5	0.270
		GF	65997-17-3	0.180
Homogeneous Level Weight				1.002
Termination	Tin coated lead frame	CuSn6	-	0.267
		Sn	7440-31-5	0.009
Homogeneous Level Weight				0.276
Total Weight				1.600

Material Declaration Plastic film capacitor

SPC SERIES Encapsulated Double Metallized Film, Size 2824 – 6560, 100 – 630 VDC (F127 SERIES) a YAGEO company

Construction



Voltage Range : 100– 630 VDC
Capacitance Range : 0.00047 – 0.68 μ F
Size range : 28.24 - 65.60

Environmental Compliance	
Pb Free	YES
RoHS Compliant	YES
Halogen Free	NO

https://content.kemet.com/datasheets/KEM_F3084_SPC.pdf

Homogeneous Level	Construction Element	Substance	Weight (gr)	Common Name	CAS #
Element	Plain PPS Film	Polyphenylene sulfide	see Annex 7	PPS	9016-75-5
	Metallized PEN Film	Polyethylene Naphthalate		PEN	25853-85-4
		Aluminium		Al	7429-90-5
	Metal Spray	Aluminium		Al	7429-90-5
	Metal Spray	Copper (*)		Cu	7440-50-8
	Metal Spray	Tin		Sn	7440-31-5
		Copper		Cu	7440-50-8
Encapsulation	Thermosetting Resin	Modified cured EP		Epoxy resin	-
		Titanium-dioxide		TiO2	13463-67-7
	Plastic Case	Polyphenylene sulfide		PPS	9016-75-5
		Glass-Fiber		GF	-
		Further additives		Further additives	-
Termination	Core Metal	Copper		Cu	7440-50-8
	Finish plating	Tin		Sn	7440-31-5
		Tin		Sn	7440-31-5

(*) alternative available for some PNs
Remark: Material declaration of special part number or part number with C-spec will be individually released.

Annex 7

Material Declaration Plastic film capacitor

SPC SERIES Encapsulated Double Metallized Film, Size 2824 – 6560, 100 – 630 VDC (F127 SERIES)

Size mm				28.24	40.36	50.45	65.60
Homogeneous Level	Material	Substance	CAS No.	MAXIMUM size - Cap 0.033 uF Box dimension 6x4,5x7,3 mm	MAXIMUM size - Cap 0.10 uF Box dimension 9,1x5,5x10,2 mm	MAXIMUM size - Cap 0.22 uF Box dimension 11,5x6,5x12,7 mm	MAXIMUM size - Cap 0.68 uF Box dimension 15x7x16,5 mm
				Weight (gr)	Weight (gr)	Weight (gr)	Weight (gr)
Element	Thermoplastics	PPS	9016-75-5	0,0288	0,1188	0,1764	0,3204
	Thermoplastics	PEN	25853-85-4	0,0232	0,1103	0,1408	0,2192
	Metal	Al	7429-90-5	0,0116	0,0521	0,0800	0,1234
	Metal	Sn	7440-31-5	0,0629	0,2194	0,3323	0,5168
	Metal	Cu	7440-50-8	0,0019	0,0794	0,1213	0,1882
Homogeneous Level Weight				0,1284	0,5800	0,8508	1,3680
Encapsulation	Thermosetting Resin	Modified cured EP	-	0,0808	0,2075	0,3287	0,4023
		Titanium-dioxide	13463-67-7	0,0008	0,0021	0,0033	0,0041
	Thermoplastics	PPS	9016-75-5	0,0561	0,1451	0,2602	0,4207
		Glass-Fiber	-	0,0380	0,0984	0,1764	0,2852
		Further additives	-	0,0010	0,0025	0,0044	0,0071
Homogeneous Level Weight				0,17665	0,45556	0,77301	1,1194
Termination	Core Metal	Cu	7440-50-8	0,1264	0,2790	0,3201	0,3800
	Finish plating	Sn	7440-31-5	0,0088	0,0194	0,0223	0,0264
Homogeneous Level Weight				0,1352	0,2984	0,3424	0,4064
Total Weight				0,4403	1,3340	1,9662	2,8938