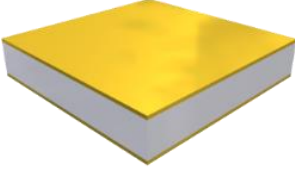
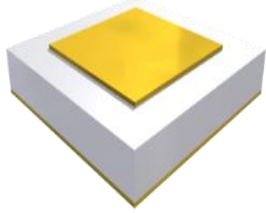


SINGLE LAYER CAPACITORS

	<p>APPLICATIONS</p> <ul style="list-style-type: none"> ▪ DC Block ▪ Decoupling ▪ Filtering ▪ RF Bypass ▪ Tuning ▪ Hybrid assembly ▪ Integrated circuits ▪ Temp comp circuits 	
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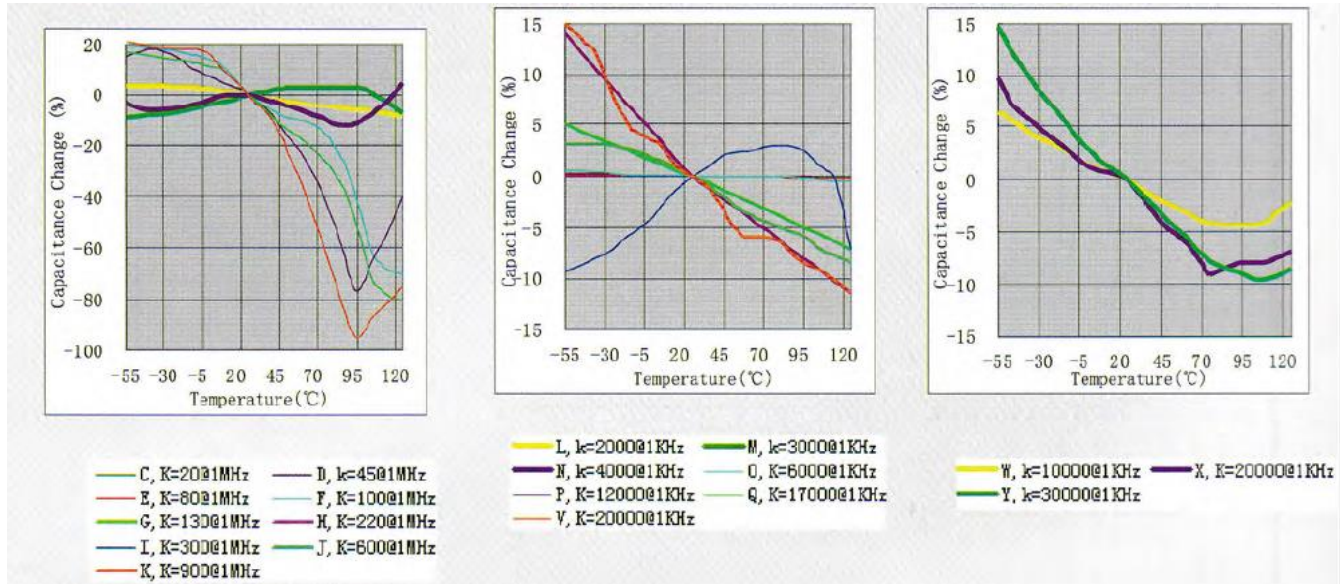
DIELECTRIC MATERIAL

TYPE	DIELECTRIC CODE	DIELECTRIC CONSTANT (K)	Max. DF @ 1MHz (%)	TEMPERATURE RANGE (°C)	TEMPERATURE COEFFICIENT (%)	INSULATION RESISTANCE (MΩ @ 25°C)
1	C	20	0.15	-55 to +125	0 ± 30	10 ¹²
1	D	40	0.15	-55 to +125	0 ± 30	10 ¹²
1	E	80	0.15	-55 to +125	0 ± 30	10 ¹²
1	F	100	0.15	-55 to +125	0 ± 60	10 ¹²
1	G	130	0.25	-55 to +125	-750 ± 500	10 ¹²
1	H	220	0.30	-55 to +125	-2200 ± 500	10 ¹¹
1	I	300	0.30	-55 to +125	-1000 ± 120	10 ¹²
1	J	600	1.0	-55 to +125	-2200 ± 500	10 ¹¹
1	K	900	1.0	-55 to +125	-3300 ± 500	10 ¹¹
TYPE	DIELECTRIC CODE	DIELECTRIC CONSTANT (K)	Max. DF @ 1MHz (%)	TEMPERATURE RANGE (°C)	TEMPERATURE COEFFICIENT (%)	INSULATION RESISTANCE (MΩ @ 25°C)
2	L	2000	2.5	-55 to 125°C	±15	10 ¹¹
2	M	3000	2.5	-55 to 125°C	±15	10 ¹¹
2	N	4000	3.0	-55 to 125°C	±15	10 ¹¹
2	O	6000	4.0	-30 to 85°C	+22 to -56	10 ¹¹
2	P	12000	4.0	-30 to 85°C	+22 to -56	10 ¹¹
2	Q	17000	4.0	-30 to 85°C	+22 to -82	10 ¹¹
2	R	25000	4.0	-10 to 65°C	+22 to -82	10 ¹⁰
2	V	10000	2.0	-55 to 125°C	±10	10 ¹⁰
TYPE	DIELECTRIC CODE	DIELECTRIC CONSTANT (K)	Max. DF @ 1MHz (%)	TEMPERATURE RANGE (°C)	TEMPERATURE COEFFICIENT (%)	INSULATION RESISTANCE (MΩ @ 25°C)
3	W	15000	2.0	-55 to 125°C	±15	10 ⁹
3	X	25000	2.0	-55 to 125°C	±15	10 ⁹
3	Y	35000	2.0	-55 to 125°C	±15	10 ⁹
3	Z	55000	2.5	-55 to 125°C	±15	10 ⁹

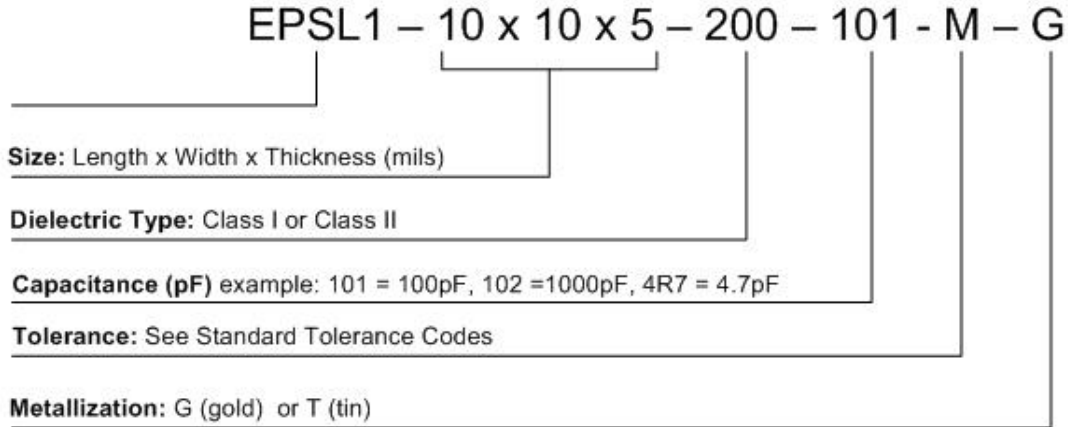
SINGLE LAYER CAPACITORS

STANDARD VALUES (pF)

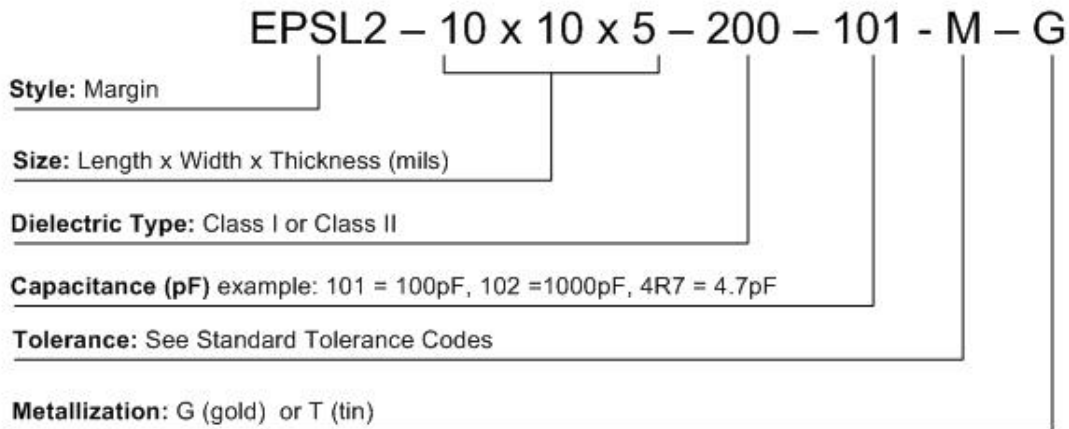
0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55
0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.0
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
2.0	2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.3
4.7	5.1	5.6	6.2	6.8	7.5	8.2	9.1	10
11	12	13	15	16	18	20	22	24
27	30	33	36	39	43	47	51	56
62	68	75	82	91	100	110	120	130
150	160	180	200	220	240	270	300	330
360	390	430	470	510	560	620	680	750
820	910	1000	1100	1200	1300	1500	1600	1800
2000	2200	2400	2700	3000	3300	3600	3900	4300
5300	6500	10000						



Part Number Definition for Edge to Edge Capacitors



Part Number Definition for Margin Capacitors



SINGLE LAYER CAPACITORS

TOLERANCE TABLE

± 0.05 pF	A
± 0.10 pF	B
± 0.25 pF	C
± 0.50 pF	D
± 20 %	M
± 15 %	L
± 10 %	K
± 5 %	J
± 2 %	G
± 1 %	F
-20 % to +80 %	Z