

Capacitor Assemblies - ST & SM

These ranges of both High Capacitance and High Voltage MLC assemblies are available in COG and X7R dielectrics.

Low ESR and Low ESL are inherent in the design giving the assemblies a high capability up to 1MHz and offer far superior performance than either Aluminum or Tantalum electrolytic capacitors.

They are designed for use in high power or high frequency applications such as switched mode power supplies, DC-DC converters, high capacitance discharge circuits, high temperature filtering/decoupling.

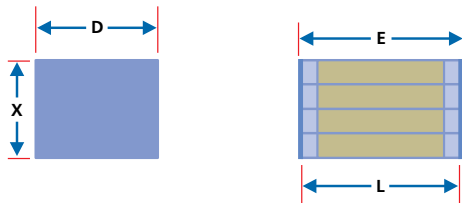
They can be made with up to five same size chips with various lead configurations to safeguard against thermal and mechanical stresses.

The commercial 'ST' series provide the highest capacitance available and are 100% tested for Dielectric Withstanding Voltage, Insulation Resistance, Capacitance, and Dissipation Factor.

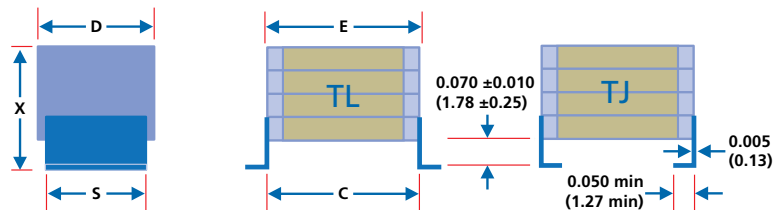
In contrast, the High Reliability 'SM' series is designed and tested for military and industrial applications and tested as per of MIL-PRF-49470 (DSCC 87106), Group A.

Dimensions - inches/mm

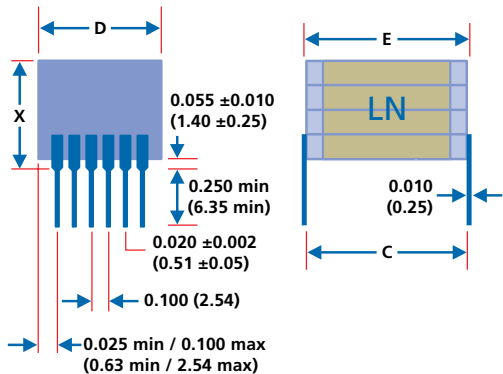
NN or NP (no leads)



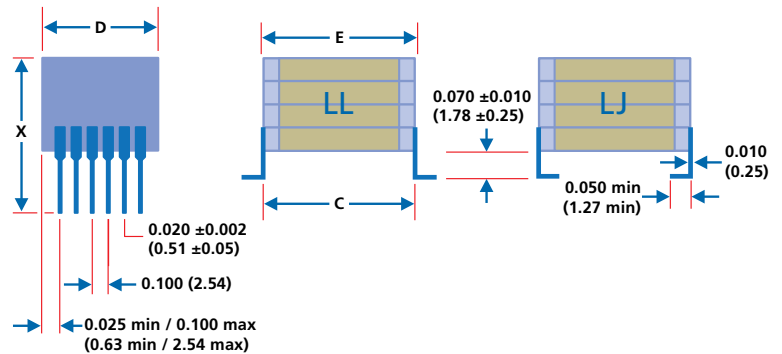
TJ & TL (tab leads)



LN (straight wire leads)



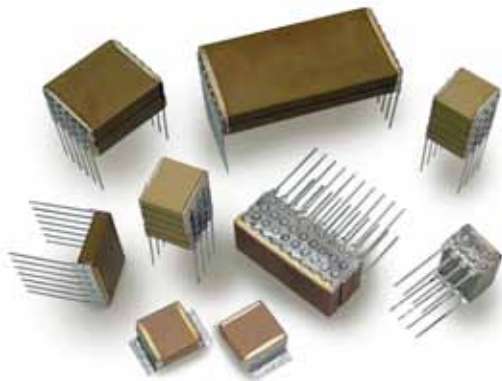
LJ & LL (bent wire leads)



Size	1812	1825	2225	3640	4540	5550	7565
C inches ±0.025/mm ±0.64:	0.210/5.33	0.210/5.33	0.250/6.35	0.400/10.20	0.480/12.20	0.580/14.70	0.780/19.80
D inches ±0.025/mm ±0.64:	0.125/3.18	0.250/6.35	0.250/6.35	0.400/10.20	0.400/10.20	0.500/12.70	0.650*/16.50
E max inches/mm:	0.260/6.60	0.260/6.60	0.300/7.62	0.430/10.90	0.530/13.50	0.630/16.00	0.830/21.10
L nom inches/mm:	0.180/4.57	0.180/4.57	0.220/5.59	0.360/9.14	0.450/11.40	0.550/14.00	0.750/19.10
Leads per side	N/A	3	3	4	4	5	6

*±0.035/1.89

Capacitor Assemblies - ST & SM



Our complete testing facility is available for any additional military testing requirements.

Options available include thru-hole and surface mount lead styles, to make them suitable for mounting on ceramic substrates or epoxy PCBs.

Consult the Sales Office if your specific requirements exceed our catalog maximums (size, cap. value, and voltage).

Maximum stack height, X dimension - inches/mm

No. of chips	Chip size	Style NN, NP	Style TJ & TL	Style LN, LJ & LL
1	1812	0.100/2.54	0.180/4.57	N/A
	1825	0.100/2.54	0.180/4.57	0.180/4.57
	2225	0.120/3.05	0.200/5.08	0.200/5.08
	>2225	N/A	0.200/5.08	0.200/5.08
2	1812	0.200/5.08	0.280/7.11	N/A
	1825	0.200/5.08	0.280/7.11	0.280/7.11
	2225	0.240/6.10	0.320/8.13	0.320/8.13
	>2225	N/A	0.320/8.13	0.320/8.13
3	812	0.300/7.62	0.380/9.65	N/A
	1825	0.300/7.62	0.380/9.65	0.380/9.65
	2225	0.360/9.14	0.440/11.2	0.440/11.20
	>2225	N/A	0.440/11.2	0.440/11.20
4	1812	0.400/10.20	0.480/12.2	N/A
	1825	0.400/10.20	0.480/12.2	0.480/12.20
	2225	0.480/12.20	0.560/14.2	0.560/14.20
	>2225	N/A	0.560/14.2	0.560/14.20
5	1812	0.520/13.20	0.600/15.2	N/A
	1825	0.520/13.20	0.600/15.2	0.600/15.2
	2225	0.635/16.10	0.715/18.2	0.715/18.2
	>2225	N/A	0.715/18.2	0.715/18.2

How to Order - ST & SM Capacitor Assemblies

ST	3640	B	474	M	101	LJ	X	W	5
STYLE ST = Commercial SM = High Reliability	SIZE See Chart	DIELECTRIC N = COG B = X7R	CAPACITANCE Value in Picofarads. Two significant figures, followed by number of zeros: 825 = 8,200,000pF (8.2µF)	TOLERANCE F = ±1%* G = ±2%* H = ±3%* J = ±5% K = ±10% M = ±20% Z = +80 -20% P = +100 -0% *COG only	VOLTAGE-VDCW Two significant figures, followed by number of zeros: 101 = 100V	LEAD STYLE LN = Straight* LL = L Lead* LJ = J Lead* TL = L Tab TJ = J tab NN = Nickel* NP = Pd/Ag *Not 1812	THICKNESS OPTION Specify standoff dimension if less than max.	PACKING W = Waffle T = Tape & Reel*	No. Chips 1 to 5
								*Consult the sales office	

Capacitor Assemblies - ST & SM - C0G



C0G Capacitance & Voltage Selection

Note: Capacitance values are shown as 3 digit code: 2 significant figures followed by the no. of zeros e.g. 183 = 18,000pF.

Capacitance Values

Number of chips required to achieve the capacitance value

Size	4540				5550				6560				7565				Size
	50V	100V	200V	500V	50V	100V	200V	500V	50V	100V	200V	500V	50V	100V	200V	500V	Rated Voltage
Type	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	Type
																	100
																	120
																	150
																	180
																	220
																	270
																	330
390	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	390
470	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	470
560	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	560
680	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	680
820	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	820
101	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	101
121	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	121
151	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	151
181	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	181
221	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	221
271	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	271
331	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	331
391	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	391
471	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	471
561	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	561
681	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	681
821	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	821
102	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	102
122	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	122
152	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	152
182	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	182
222	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	222
272	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	272
332	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	332
392	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	392
472	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	472
562	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	562
682	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	682
822	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	822
103	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	103
123	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	123
153	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	153
183	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183
223	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	223
273	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	273
333	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	333
393	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	393
473	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	473
563	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	563
683	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	683
823	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	823
104	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	104
124	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	124
154	1	1	1	1	2	2	3	5	1	1	1	1	1	1	1	1	154
184	1	1	1	1	2	2	4	5	1	1	1	1	2	2	3	1	184
224	1	1	2	2	2	2	5		1	1	1	2	2	2	3	4	224
274	2	2	2	2	2	3			1	1	2	2	2	2	3	4	274
334	2	2	2	2	3	3			2	2	2	2	2	2	3	5	334
394	2	2	2	3	3	3			2	2	2	2	2	2	2	3	394
474	2	3	3	3	4	4			2	2	2	2	3	3			474
564	3	3	3	3	4	5			2	2	2	2	3	3			564
684	3	4	4	4	5				3	3	3	3	4	4			684
824	4	4	4	5					3	3	4	4	5				824
105	4	5	5						4	4	4	5					105
125	5								4	5	5						125
155									5								155
185									5	5	5						185
225																	225
275																	275



Capacitor Assemblies - ST & SM - X7R

X7R Capacitance & Voltage Selection

Size	1812								1825								2225								3640								Size
	50V		100V		200V		500V		50V		100V		200V		500V		50V		100V		200V		500V		Vdc								
Type	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM		Type							
102	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	102									
122	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	122									
152	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	152									
182	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	182									
222	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	222									
272	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	272									
332	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	332									
392	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	392									
472	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	472									
562	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	562									
682	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	682									
822	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	822									
103	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	103									
123	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	123									
153	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	153									
183	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183									
223	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	223									
273	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	273									
333	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	333									
393	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	393									
473	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	473									
563	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	563									
683	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	683									
823	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	823									
104	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	104									
124	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	124									
154	1	1	1	1	1	1	2	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	154									
184	1	1	1	1	1	1	2	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	184									
224	1	1	1	1	1	1	3	4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	224									
274	1	1	1	1	1	1	3	5	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	274									
334	1	1	1	1	1	1	4		1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	334									
394	1	1	1	1	1	1	4		1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	394									
474	1	1	1	1	1	1	5		1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	474									
564	1	1	1	1	2	2			1	1	1	1	1	1	3	5	1	1	1	1	1	1	1	564									
684	1	1	2	2	2	3			1	1	1	1	1	2	4		1	1	1	1	1	1	1	684									
824	2	2	2	2	2	3			1	1	1	1	1	2	4		1	1	1	1	1	1	2	824									
105	2	2	2	2	3	3			1	1	1	1	2	2	5		1	1	1	1	1	1	2	105									
125	2	2	2	2	3	4			1	1	1	2	2	3			1	1	1	1	1	1	3	125									
155	2	3	3	3	4	5			2	2	2	2	2	3			1	1	1	1	1	1	3	155									
185	3	3	3	3	4				2	2	2	2	3	4			1	2	2	2	2	3	4	185									
225	3	3	4	4	5				2	2	2	3	3	4			2	2	2	2	2	3	5	225									
275	4	4	4	5					2	3	3	3	4	5			2	2	2	2	3	4		275									
335	5	5		5					3	3	3	4	4				2	2	3	3	3	4		335									
395	5								3	3	4	4	5				3	3	3	3	4	5		395									
475									4	4	4	5					3	3	4	4	5			475									
565									4	5	5						4	4	4	4				565									
685									5								4	4	5	5				685									
825																	5	5						825									
106																					3	3	4	4	106								
126																					3	3	4	5	126								
156																					4	4	5		156								
186																					4	5			186								
226																					5				226								
276																									276								
336																																	
396																																	
476																																	
566																																	
686																																	
826																																	
107																																	

Number of chips required to achieve the capacitance value

Capacitance Values

Capacitor Assemblies - ST & SM - X7R



X7R Capacitance & Voltage Selection

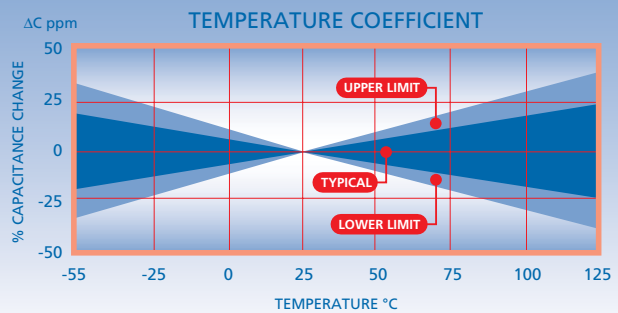
Note: Capacitance values are shown as 3 digit code: 2 significant figures followed by the no. of zeros e.g. 183 = 18,000pF.

Size	4540								5550								6560								7565								Size
	50V		100V		200V		500V		50V		100V		200V		500V		50V		100V		200V		500V		Vdc								
Type	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM	ST	SM		Type							
102	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	102								
122	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	122								
152	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	152								
182	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	182								
222	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	222								
272	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	272								
332	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	332								
392	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	392								
472	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	472								
562	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	562								
682	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	682								
822	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	822								
103	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	103								
123	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	123								
153	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	153								
183	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	183								
223	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	223								
273	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	273								
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685	2	2	2	3	4	4			1	1	2	2	3	3			1	1	1	2	2	2			685								
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106	2	3	3	4	5				2	2	3	3	4	4			1	1	2	2	3	3			106								
126	3	3	4	5					2	2	3	4	4	5			1	2	2	3	3	3			126								
156	3	4	5						2	3	4	4	5				2	2	3	3	4	4			156								
186	4	4	5						3	3	5	5					2	2	3	4	4	4			186								
226	4	5							3	4	5						2	2	3	4	4	5			226								
276	5								4	5							3	3	5	5					276								
Capacitance Values									5	5							3	3	5						336								
									5								4	4								396							
																	4	5								476							
																										566							
																										686							
																										826							
																										107							

Number of chips required to achieve the capacitance value

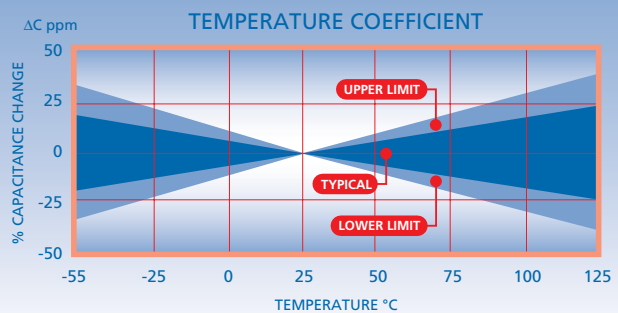
COG/NP0 (N) Ultra Stable and RoHS 2013 (RN) type

Operating temperature range:	-55°C to 125°C
Temperature coefficient:	0 ±30 ppm/°C
Dissipation factor:	0.1% max @ 25°C
Insulation resistance	@25°C: >100GΩ or >1000ΩF whichever is less @125°C: >10GΩ or >100ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C 1MHz for Capacitance ≤100pF



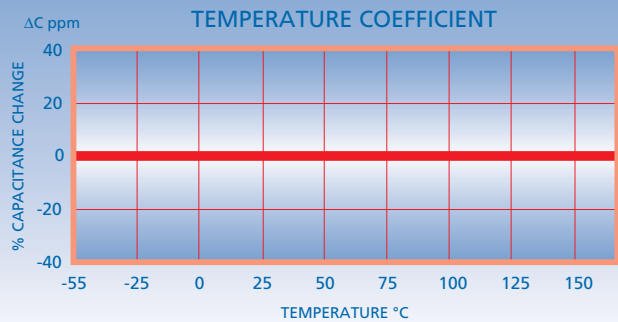
COG/NP0 (M) Ultra Stable Non Magnetic

Operating temperature range:	-55°C to 125°C
Temperature coefficient:	0 ±30 ppm/°C
Dissipation factor:	0.1% max @ 25°C
Insulation resistance	@25°C: >1000ΩF or >10000ΩF whichever is less @125°C: >100ΩF or >1000ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C 1MHz for Capacitance ≤100pF



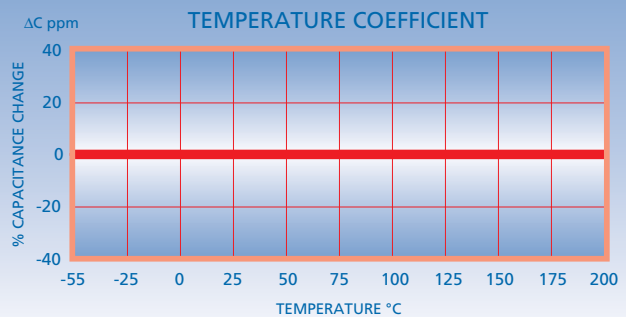
COG/NP0 (F) Ultra Stable High Temperature (up to 160°C)

Operating temperature range:	-55°C to 160°C
Temperature coefficient:	0 ±30 ppm/°C
Dissipation factor:	0.1% max @ 25°C
Insulation resistance	@25°C: >100GΩ or >1000ΩF whichever is less @160°C: >1GΩ or >10ΩF whichever is less
Dielectric withstanding voltage	<200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C 1MHz for Capacitance ≤100pF



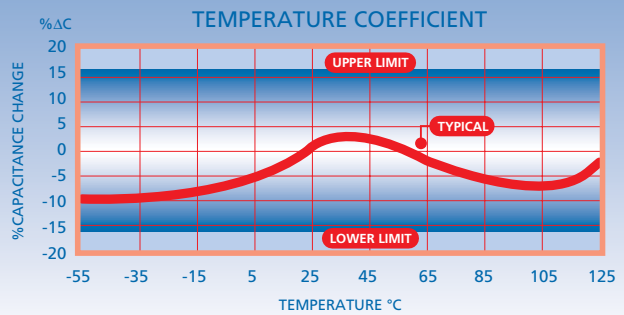
COG/NP0 (D) Ultra Stable High Temperature (up to 200°C)

Operating temperature range:	-55°C to 200°C
Temp. coefficient ≤200°C:	0 ±30 ppm/°C
Dissipation factor @ 25°C:	0.1% Max.
Insulation resistance	@25°C: >100GΩ or >1000ΩF whichever is less @200°C: >1GΩ or >10ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C 1MHz for capacitance ≤100pF



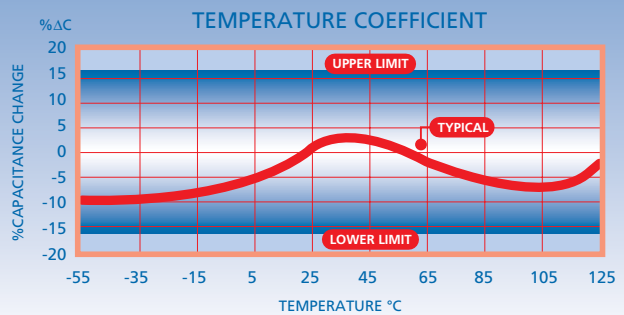
X7R (B) Stable and RoHS 2013 (RB) type

Operating temperature range:	-55°C to 125°C
Temperature coefficient :	±15% ΔC Max.
Dissipation factor	>25V rating: 2.5% max ≤25V rating: 3.5% max
Insulation resistance:	@25°C: >100GΩ or >1000ΩF whichever is less @125°C: >10GΩ or >100ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	<2.0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C



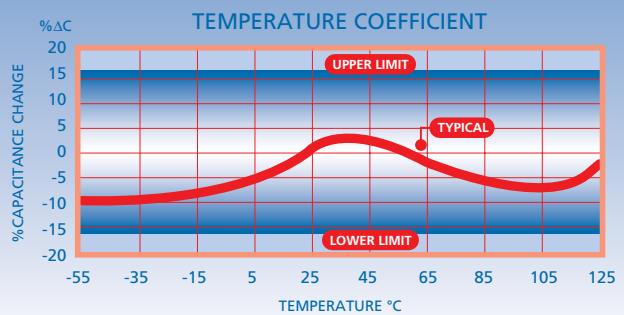
X7R (C) Stable Non Magnetic

Operating temperature range:	-55°C to 125°C
Temperature coefficient:	±15% ΔC Max.
Dissipation factor	>25V rating: 2.5% max ≤25V rating: 3.5% max
Insulation resistance:	@25°C: >100GΩ or >1000ΩF whichever is less @125°C: >10GΩ or >100ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	<2.0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C



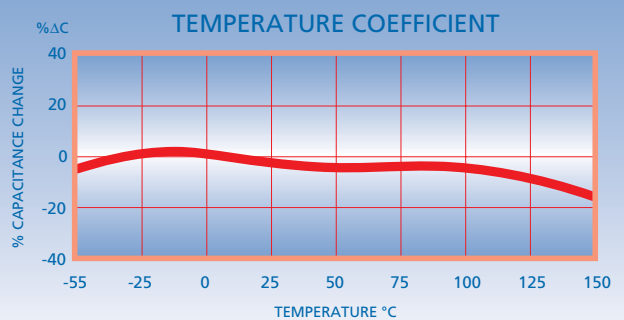
BX (X) Stable

Operating temperature range:	-55°C to 125°C
Temperature coefficient:	±15% ΔC Max.
Temp-voltage coefficient:	+15% -25% ΔC Max.
Dissipation factor	>25V rating: 2.5% max ≤25V rating: 3.5% max
Insulation resistance:	@25°C: >100GΩ or >1000ΩF whichever is less @125°C: >10GΩ or >100ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	<2.0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C



X8R (S) Stable

Operating temperature range:	-55°C to 150°C
Temp. coefficient ≤150°C:	±15% ΔC Max.
Dissipation factor	>25V rating: 2.5% max ≤25V rating: 3.5% max
Insulation resistance	@25°C: >100GΩ or >1000ΩF whichever is less @150°C: >10GΩ or >100ΩF whichever is less
Dielectric withstanding voltage	≤200V: 250% 201-500V: 150% or 500V whichever is greater >500V: 120% or 750V whichever is greater
Ageing rate:	<2.0% per decade
Test parameters:	1KHz, 1.0 ±0.2 VRMS, 25°C





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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