

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[AVX Corporation](#)

[LD051A120FAB2A](#)

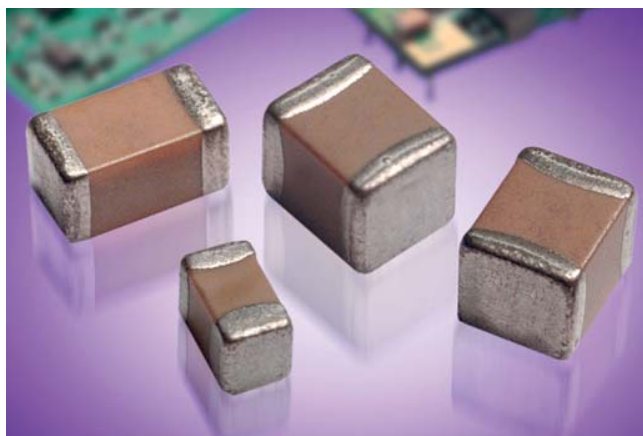
For any questions, you can email us directly:

sales@integrated-circuit.com



MLCC Tin/Lead Termination “B”

General Specifications



AVX Corporation will support those customers for commercial and military Multilayer Ceramic Capacitors with a termination consisting of 5% minimum lead. This termination is indicated by the use of a “B” in the 12th position of the AVX Catalog Part Number. This fulfills AVX’s commitment to providing a full range of products to our customers. AVX has provided in the following pages a full range of values that we are currently offering in this special “B” termination. Please contact the factory if you require additional information on our MLCC Tin/Lead Termination “B” products.

Not RoHS Compliant

PART NUMBER (see page 2 for complete part number explanation)

LD05	5	A	101	J	A	B	2	A
Size LD02 - 0402 LD03 - 0603 LD04 - 0504* LD05 - 0805 LD06 - 1206 LD10 - 1210 LD12 - 1812 LD13 - 1825 LD14 - 2225 LD20 - 2220	Voltage 6.3V = 6 10V = Z 16V = Y 25V = 3 35V = D 50V = 5 100V = 1 200V = 2 500V = 7	Dielectric COG (NP0) = A X7R = C X5R = D X8R = F	Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	Capacitance Tolerance B = ± 10 pF (<10pF) C = ± 25 pF (<10pF) D = ± 50 pF (<10pF) F = $\pm 1\%$ (≥ 10 pF) G = $\pm 2\%$ (≥ 10 pF) J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$	Failure Rate A = Not Applicable	Terminations B = 5% min lead X = FLEXITERM® with 5% min lead** **X7R only	Packaging 2 = 7" Reel 4 = 13" Reel Contact Factory For Multiples	Special Code A = Std. Product

*LD04 has the same CV ranges as LD03.

NOTE: Contact factory for availability of Tolerance Options for Specific Part Numbers.
Contact factory for non-specified capacitance values.

See FLEXITERM® section for CV options

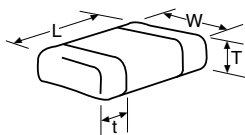
NP0	Refer to page 4 for Electrical Graphs
X7R	Refer to page 19 for Electrical Graphs
X7S	Refer to page 23 for Electrical Graphs
X5R	Refer to page 26 for Electrical Graphs
Y5V	Refer to page 30 for Electrical Graphs

MLCC Tin/Lead Termination “B”

Capacitance Range (NP0 Dielectric)

PREFERRED SIZES ARE SHADED

SIZE		LD02			LD03				LD05					LD06						
Soldering		Reflow/Wave			Reflow/Wave				Reflow/Wave					Reflow/Wave						
Packaging		All Paper			All Paper				Paper/Embossed					Paper/Embossed						
(L) Length	mm (in.)	1.00 ± 0.10 (0.040 ± 0.004)			1.60 ± 0.15 (0.063 ± 0.006)				2.01 ± 0.20 (0.079 ± 0.008)					3.20 ± 0.20 (0.126 ± 0.008)						
(W) Width	mm (in.)	0.50 ± 0.10 (0.020 ± 0.004)			0.81 ± 0.15 (0.032 ± 0.006)				1.25 ± 0.20 (0.049 ± 0.008)					1.60 ± 0.20 (0.063 ± 0.008)						
(t) Terminal	mm (in.)	0.25 ± 0.15 (0.010 ± 0.006)			0.35 ± 0.15 (0.014 ± 0.006)				0.50 ± 0.25 (0.020 ± 0.010)					0.50 ± 0.25 (0.020 ± 0.010)						
WVDC		16	25	50	16	25	50	100	16	25	50	100	200	16	25	50	100	200	500	
Cap (pF)	0.5	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	1.0	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	1.2	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	1.5	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	1.8	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	2.2	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	2.7	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	3.3	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	3.9	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	4.7	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	5.6	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	6.8	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	8.2	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	10	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	12	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	15	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	18	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	22	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	27	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
		33	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J
39		C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
47		C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
		56	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J
	68	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
	82	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
		100	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J
120		C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
150		C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J	
		180	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	J
	220	C	C	C	G	G	G	G	J	J	J	J	J	J	J	J	J	J	M	
	270	C	C	C	G	G	G	G	J	J	J	J	M	J	J	J	J	J	M	
		330	C	C	C	G	G	G	G	J	J	J	J	M	J	J	J	J	J	M
390		C	C	C	G	G	G	G	J	J	J	J	M	J	J	J	J	J	M	
470		C	C	C	G	G	G		J	J	J	J	M	J	J	J	J	J	M	
		560				G	G	G		J	J	J	J	M	J	J	J	J	J	M
	680				G	G	G		J	J	J	J		J	J	J	J	J	P	
	820				G	G	G		J	J	J	J		J	J	J	J	J		
		1000				G	G	G		J	J	J	J		J	J	J	J	J	Q
1200						G			J	J	J			J	J	J	J	Q		
1500									J	J	J			J	J	J	M	Q		
		1800								J	J	J			J	J	M	M		
	2200								J	J	N			J	J	M	P			
	2700								J	J	N			J	J	M	P			
		3300								J	J				J	J	M	P		
3900									J	J				J	J	M	P			
4700									J	J				J	J	M	P			
		5600													J	J	M			
	6800													M	M					
	8200													M	M					
	Cap (μF)	0.010													M	M				
0.012																				
0.015																				
0.018																				
	0.022																			
	0.027																			
	0.033																			
	0.039																			
	0.047																			
	0.068																			
	0.082																			
	0.1																			
WVDC		16	25	50	16	25	50	100	16	25	50	100	200	16	25	50	100	200	500	
SIZE		LD02			LD03				LD05					LD06						
Letter	A	C	E	G	J	K	M	N	P	Q	X	Y	Z							
Max. Thickness	0.33 (0.013)	0.56 (0.022)	0.71 (0.028)	0.90 (0.035)	0.94 (0.037)	1.02 (0.040)	1.27 (0.050)	1.40 (0.055)	1.52 (0.060)	1.78 (0.070)	2.29 (0.090)	2.54 (0.100)	2.79 (0.110)							
	PAPER							EMBOSSED												



MLCC Tin/Lead Termination “B”



Capacitance Range (NP0 Dielectric)

PREFERRED SIZES ARE SHADED

SIZE		LD10					LD12					LD13			LD14			
Soldering		Reflow Only					Reflow Only					Reflow Only			Reflow Only			
Packaging		Paper/Embossed					All Embossed					All Embossed			All Embossed			
(L) Length	mm (in.)	3.20 ± 0.20 (0.126 ± 0.008)					4.50 ± 0.30 (0.177 ± 0.012)					4.50 ± 0.30 (0.177 ± 0.012)			5.72 ± 0.25 (0.225 ± 0.010)			
(W) Width	mm (in.)	2.50 ± 0.20 (0.098 ± 0.008)					3.20 ± 0.20 (0.126 ± 0.008)					6.40 ± 0.40 (0.252 ± 0.016)			6.35 ± 0.25 (0.250 ± 0.010)			
(t) Terminal	mm (in.)	0.50 ± 0.25 (0.020 ± 0.010)					0.61 ± 0.36 (0.024 ± 0.014)					0.61 ± 0.36 (0.024 ± 0.014)			0.64 ± 0.39 (0.025 ± 0.015)			
WVDC		25	50	100	200	500	25	50	100	200	500	50	100	200	50	100	200	
Cap (pF)	0.5																	
	1.0																	
	1.2																	
	1.5																	
	1.8																	
	2.2																	
	2.7																	
	3.3																	
	3.9																	
	4.7																	
	5.6																	
	6.8																	
	8.2																	
	10					J												
	12					J												
	15					J												
	18					J												
	22					J												
	27					J												
	33					J												
	39					J												
	47					J												
	56					J												
	68					J												
	82					J												
	100					J												
	120					J												
	150					J												
	180					J												
	220					J												
	270					J												
	330					J												
	390					M												
	470					M												
	560	J	J	J	J	M												
	680	J	J	J	J	M												
	820	J	J	J	J	M												
	1000	J	J	J	J	M	K	K	K	K	M	M	M	M	M	M	P	
	1200	J	J	J	M	M	K	K	K	K	M	M	M	M	M	M	P	
	1500	J	J	J	M	M	K	K	K	K	M	M	M	M	M	M	P	
	1800	J	J	J	M		K	K	K	K	M	M	M	M	M	M	P	
	2200	J	J	J	Q		K	K	K	K	P	M	M	M	M	M	P	
	2700	J	J	J	Q		K	K	K	P	Q	M	M	M	M	M	P	
	3300	J	J	J			K	K	K	P	Q	M	M	M	M	M	P	
	3900	J	J	M			K	K	K	P	Q	M	M	M	M	M	P	
	4700	J	J	M			K	K	K	P	Q	M	M	M	M	M	P	
	5600	J	J				K	K	M	P	X	M	M	M	M	M	P	
	6800	J	J				K	K	M		X	M	M	M	M	M	P	
	8200	J	J				K	M	M			M	M		M	M	P	
Cap (μF)	0.010	J	J				K	M	M			M	M		M	M	P	
	0.012	J	J				K	M				M	M		M	M	P	
	0.015						M	M				M	M		M	M	Y	
	0.018						M	M				P	M		M	M	Y	
	0.022						M	M				P			M	Y	Y	
	0.027						M	M				P			P	Y	Y	
	0.033						M	M				P			P			
	0.039						M	M				P			P			
	0.047						M	M				P			P			
	0.068						M	M							P			
	0.082						M	M							Q			
	0.1														Q			
WVDC		25	50	100	200	500	25	50	100	200	500	50	100	200	50	100	200	
SIZE		LD10					LD12					LD13			LD14			
Letter		A	C	E	G	J	K	M	N	P	Q	X	Y	Z				
Max. Thickness		0.33 (0.013)	0.56 (0.022)	0.71 (0.028)	0.90 (0.035)	0.94 (0.037)	1.02 (0.040)	1.27 (0.050)	1.40 (0.055)	1.52 (0.060)	1.78 (0.070)	2.29 (0.090)	2.54 (0.100)	2.79 (0.110)				
		PAPER					EMBOSS											



MLCC Tin/Lead Termination “B”

Capacitance Range (X8R Dielectric)

SIZE			LD03		LD05		LD06	
		WVDC	25V	50V	25V	50V	25V	50V
271	Cap (pF)	270	G	G				
331		330	G	G	J	J		
471		470	G	G	J	J		
681		680	G	G	J	J		
102		1000	G	G	J	J	J	J
152		1500	G	G	J	J	J	J
182		1800	G	G	J	J	J	J
222		2200	G	G	J	J	J	J
272		2700	G	G	J	J	J	J
332		3300	G	G	J	J	J	J
392	3900	G	G	J	J	J	J	
472	4700	G	G	J	J	J	J	
562	5600	G	G	J	J	J	J	
682	6800	G	G	J	J	J	J	
822	8200	G	G	J	J	J	J	
103	Cap (µF)	0.01	G	G	J	J	J	J
123		0.012	G	G	J	J	J	J
153		0.015	G	G	J	J	J	J
183		0.018	G	G	J	J	J	J
223		0.022	G	G	J	J	J	J
273		0.027	G	G	J	J	J	J
333		0.033	G	G	J	J	J	J
393		0.039	G	G	J	J	J	J
473		0.047	G	G	J	J	J	J
563		0.056	G		N	N	M	M
683	0.068	G		N	N	M	M	
823	0.082			N	N	M	M	
104	0.1			N	N	M	M	
124	0.12			N	N	M	M	
154	0.15			N	N	M	M	
184	0.18			N		M	M	
224	0.22			N		M	M	
274	0.27					M	M	
334	0.33					M	M	
394	0.39					M		
474	0.47					M		
684	0.68							
824	0.82							
105	1							
SIZE WVDC			25V	50V	25V	50V	25V	50V
SIZE			LD03		LD05		LD06	

Letter	A	C	E	G	J	K	M	N	P	Q	X	Y	Z
Max.	0.33	0.56	0.71	0.90	0.94	1.02	1.27	1.40	1.52	1.78	2.29	2.54	2.79
Thickness	(0.013)	(0.022)	(0.028)	(0.035)	(0.037)	(0.040)	(0.050)	(0.055)	(0.060)	(0.070)	(0.090)	(0.100)	(0.110)
	PAPER					EMBOSSSED							

MLCC Tin/Lead Termination “B”



Capacitance Range (X7R Dielectric)

PREFERRED SIZES ARE SHADED

SIZE		LD02			LD03						LD05						LD06										
Soldering		Reflow/Wave			Reflow/Wave						Reflow/Wave						Reflow/Wave										
Packaging		All Paper			All Paper						Paper/Embossed						Paper/Embossed										
(L) Length	mm (in.)	1.00 ± 0.10 (0.040 ± 0.004)			1.60 ± 0.15 (0.063 ± 0.006)						2.01 ± 0.20 (0.079 ± 0.008)						3.20 ± 0.20 (0.126 ± 0.008)										
(W) Width	mm (in.)	0.50 ± 0.10 (0.020 ± 0.004)			0.81 ± 0.15 (0.032 ± 0.006)						1.25 ± 0.20 (0.049 ± 0.008)						1.60 ± 0.20 (0.063 ± 0.008)										
(t) Terminal	mm (in.)	0.25 ± 0.15 (0.010 ± 0.006)			0.35 ± 0.15 (0.014 ± 0.006)						0.50 ± 0.25 (0.020 ± 0.010)						0.50 ± 0.25 (0.020 ± 0.010)										
	WVDC	16	25	50	6.3	10	16	25	50	100	200	6.3	10	16	25	50	100	200	6.3	10	16	25	50	100	200	500	
Cap (pF)	100																										
	150																										
	220			C																							
	330			C					G	G	G		J	J	J	J	J	J								K	
	470			C					G	G	G		J	J	J	J	J	J								K	
	680			C					G	G	G		J	J	J	J	J	J								K	
	1000			C					G	G	G		J	J	J	J	J	J								K	
	1500			C					G	G	G		J	J	J	J	J	J			J	J	J	J	J	M	
	2200			C					G	G	G		J	J	J	J	J	J			J	J	J	J	J	M	
	3300			C	C				G	G			J	J	J	J	J	J			J	J	J	J	J	M	
	4700			C	C				G	G			J	J	J	J	J	J			J	J	J	J	J	M	
	6800	C		C	C				G	G			J	J	J	J	J	J			J	J	J	J	J	P	
Cap (µF)	0.010	C		C					G	G	G		J	J	J	J	J	J			J	J	J	J	J	J	P
	0.015	C						G	G	G		J	J	J	J	J	J	J			J	J	J	J	J	M	
	0.022	C						G	G	G		J	J	J	J	J	J	N			J	J	J	J	J	M	
	0.033	C						G	G	G		J	J	J	J	J	N				J	J	J	J	J	M	
	0.047						G	G	G	G		J	J	J	J	J	N				J	J	J	J	J	M	
	0.068						G	G	G	G		J	J	J	J	J	N				J	J	J	J	J	P	
	0.10			C*			G	G	G	G		J	J	J	J	J	N				J	J	J	J	P	P	
	0.15					G	G	G				J	J	J	J	N	N				J	J	J	J	Q		
	0.22					G	G					J	J	J	J	N	N				J	J	J	J	Q		
	0.33											N	N	N	J	N	N				J	J	M	P	Q		
	0.47											N	N	N	J	N	N				M	M	M	Q	Q		
	0.68							J*				N	N	N	J	N					M	M	Q	P	Q		
	1.0					J*	J*					N	N	N*							M	M	Q	Q	Q		
	1.5																				P	Q	Q				
	2.2				J*										P*						Q	Q	Q				
	3.3																				P	Q	Q				
	4.7																				Q*	Q*	Q*				
	10											P*	P								Q*	Q*	Q				
	22																				Q*						
	47																										
100																											
	WVDC	16	25	50	6.3	10	16	25	50	100	200	6.3	10	16	25	50	100	200	6.3	10	16	25	50	100	200	500	
SIZE		LD02			LD03						LD05						LD06										

Letter	A	C	E	G	J	K	M	N	P	Q	X	Y	Z
Max. Thickness	0.33 (0.013)	0.56 (0.022)	0.71 (0.028)	0.90 (0.035)	0.94 (0.037)	1.02 (0.040)	1.27 (0.050)	1.40 (0.055)	1.52 (0.060)	1.78 (0.070)	2.29 (0.090)	2.54 (0.100)	2.79 (0.110)
	PAPER					EMBOSSED							

= Under Development

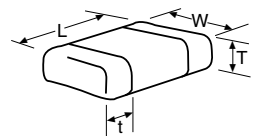
MLCC Tin/Lead Termination “B”



Capacitance Range (X7R Dielectric)

PREFERRED SIZES ARE SHADED

SIZE		LD10							LD12				LD13		LD20				LD14		
Soldering		Reflow Only							Reflow Only				Reflow Only		Reflow Only				Reflow Only		
Packaging		Paper/Embossed							All Embossed				All Embossed		All Embossed				All Embossed		
(L) Length	mm (in.)	3.20 ± 0.20 (0.126 ± 0.008)							4.50 ± 0.30 (0.177 ± 0.012)				4.50 ± 0.30 (0.177 ± 0.012)		5.70 ± 0.40 (0.225 ± 0.016)				5.72 ± 0.25 (0.225 ± 0.010)		
(W) Width	mm (in.)	2.50 ± 0.20 (0.098 ± 0.008)							3.20 ± 0.20 (0.126 ± 0.008)				6.40 ± 0.40 (0.252 ± 0.016)		5.00 ± 0.40 (0.197 ± 0.016)				6.35 ± 0.25 (0.250 ± 0.010)		
(t) Terminal	mm (in.)	0.50 ± 0.25 (0.020 ± 0.010)							0.61 ± 0.36 (0.024 ± 0.014)				0.61 ± 0.36 (0.024 ± 0.014)		0.64 ± 0.39 (0.025 ± 0.015)				0.64 ± 0.39 (0.025 ± 0.015)		
WVDC		10	16	25	50	100	200	500	50	100	200	500	50	100	25	50	100	200	50	100	
Cap (pF)		100																			
		150																			
		220																			
		330																			
		470																			
		680																			
		1000																			
		1500	J	J	J	J	J	J	M												
		2200	J	J	J	J	J	J	M												
		3300	J	J	J	J	J	J	M												
		4700	J	J	J	J	J	J	M												
		6800	J	J	J	J	J	J	M												
Cap (μF)		0.010	J	J	J	J	J	J	M	K	K	K	K	M	M		X	X	X	M	P
		0.015	J	J	J	J	J	J	P	K	K	K	K	M	M		X	X	X	M	P
		0.022	J	J	J	J	J	J	Q	K	K	K	K	M	M		X	X	X	M	P
		0.033	J	J	J	J	J	J	Q	K	K	K	X	M	M		X	X	X	M	P
		0.047	J	J	J	J	J	J		K	K	K	Z	M	M		X	X	X	M	P
		0.068	J	J	J	J	J	M		K	K	K	Z	M	M		X	X	X	M	P
		0.10	J	J	J	J	J	M		K	K	K	Z	M	M		X	X	X	M	P
		0.15	J	J	J	J	M	Z		K	K	P		M	M		X	X	X	M	P
		0.22	J	J	J	J	P	Z		K	K	P		M	M		X	X	X	M	P
		0.33	J	J	J	J	Q			K	M	X		M	M		X	X	X	M	P
		0.47	M	M	M	M	Q			K	P			M	M		X	X	X	M	P
		0.68	M	M	P	X	X			M	Q			M	P		X	X		M	P
		1.0	N	N	P	X	Z			M	X			M	P		X	X		M	P
		1.5	N	N	Z	Z	Z			Z	Z			M			X	X		M	X
		2.2	X	X	Z	Z	Z			Z	Z						X	X		M	
		3.3	X	X	Z	Z				Z							X	Z			
		4.7	X	X	Z	Z				Z							X	Z			
		10	Z	Z	Z	Z											Z	Z			
		22	Z	Z												Z					
		47																			
		100																			
WVDC		10	16	25	50	100	200	500	50	100	200	500	50	100	25	50	100	200	50	100	
SIZE		LD10							LD12				LD13		LD20				LD14		
Letter		A	C	E	G	J	K	M	N	P	Q	X	Y	Z							
Max. Thickness		0.33 (0.013)	0.56 (0.022)	0.71 (0.028)	0.90 (0.035)	0.94 (0.037)	1.02 (0.040)	1.27 (0.050)	1.40 (0.055)	1.52 (0.060)	1.78 (0.070)	2.29 (0.090)	2.54 (0.100)	2.79 (0.110)							
		PAPER					EMBOSSED														



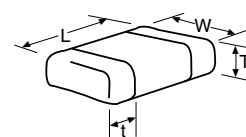


MLCC Tin/Lead Termination “B”

Capacitance Range (X5R Dielectric)

PREFERRED SIZES ARE SHADED

SIZE	LD02	LD03	LD05	LD06	LD10	LD12
Soldering	Reflow/Wave	Reflow/Wave	Reflow/Wave	Reflow/Wave	Reflow/Wave	
Packaging	All Paper	All Paper	Paper/Embossed	Paper/Embossed	Paper/Embossed	
(L) Length mm (in.)	1.00 ± 0.10 (0.040 ± 0.004)	1.60 ± 0.15 (0.063 ± 0.006)	2.01 ± 0.20 (0.079 ± 0.008)	3.20 ± 0.20 (0.126 ± 0.008)	3.20 ± 0.20 (0.126 ± 0.008)	
(W) Width mm (in.)	0.50 ± 0.10 (0.020 ± 0.004)	0.81 ± 0.15 (0.032 ± 0.006)	1.25 ± 0.20 (0.049 ± 0.008)	1.60 ± 0.20 (0.063 ± 0.008)	2.50 ± 0.20 (0.098 ± 0.008)	
(t) Terminal mm (in.)	0.25 ± 0.15 (0.010 ± 0.006)	0.35 ± 0.15 (0.014 ± 0.006)	0.50 ± 0.25 (0.020 ± 0.010)	0.50 ± 0.25 (0.020 ± 0.010)	0.50 ± 0.25 (0.020 ± 0.010)	
WVDC	4 6.3 10 16 25 50	4 6.3 10 16 25 35 50	6.3 10 16 25 35 50	6.3 10 16 25 35 50	4 6.3 10 16 25 35 50	6.3 10 25 50
Cap (pF)	100 150 220	C				
	330 470 680	C C C				
	1000 1500 2200	C C C				
	3300 4700 6800	C C	G G			
Cap (μF)	0.010 0.015 0.022	C C C	G G G			
	0.033 0.047 0.068	C C C	G G G	N N N		
	0.10 0.15 0.22	C C	G G	N N N	Q	
	0.33 0.47 0.68	C* C* C*	G G G	N N N	Q Q	X
	1.0 1.5 2.2	C* C* C*	G* G* J*	N N N	Q Q	X X X
	3.3 4.7 10		J* J* K*	N N P	X X X	X X Z
	22 47 100			P* X X	X X X	Z Z Z
WVDC	4 6.3 10 16 25 50	4 6.3 10 16 25 35 50	6.3 10 16 25 35 50	6.3 10 16 25 35 50	4 6.3 10 16 25 35 50	6.3 10 25 50
SIZE	LD02	LD03	LD05	LD06	LD10	LD12



Letter	A	C	E	G	J	K	M	N	P	Q	X	Y	Z
Max. Thickness	0.33 (0.013)	0.56 (0.022)	0.71 (0.028)	0.90 (0.035)	0.94 (0.037)	1.02 (0.040)	1.27 (0.050)	1.40 (0.055)	1.52 (0.060)	1.78 (0.070)	2.29 (0.090)	2.54 (0.100)	2.79 (0.110)
	PAPER					EMBOSS							

*Optional Specifications – Contact factory

NOTE: Contact factory for non-specified capacitance values