MLCC Tin/Lead Termination "B"

General Specifications



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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.



HOW TO ORDER

LD05	5	Α	101	J	Α	В	2	Α
	T	T		Т	T	T	Т	Т
Size LD02 - 0402 LD03 - 0603 LD04 - 0504 LD05 - 0805 LD06 - 1206 LD08 - 1808* LD10 - 1210 LD12 - 1812 LD13 - 1825 LD14 - 2225 LD15 - 0204 LICC* LD16 - 0306 LICC LD17 - 0508 LICC LD18 - 0612 LICC	Voltage 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5 100V = 1 200V = 2	Dielectric COG (NP0) = A X7R = C X5R = D	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 = ±1% (≥ 10 pF) G = ±2% (≥ 10 pF) J = ±5% K = ±10%	Failure Rate A = Not Applicable	Terminations B = 5% min lead	Packaging 2 = 7" Reel 4 = 13" Reel 7 = Bulk Cass. 9 = Bulk Contact Factory For Multiples	Special Code A = Std. Product

NP0 Dielectric

SIZE			LD02	LD03 LD05						LD06				1.5	010			10	012			LD13			LD14							
-	NDC	16	25	50	6.3	25	50	100	16	25	50	100	200	16	25	50	100	200	25	50	100	200	25	50	100	200	50	100	200	50	100	200
Cap (pF)	0.5	С	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J	2.5	50	100	200	20	50	100	200		100	200	50	100	200
(pF)	1.0 1.2	C C	C C	C C	G	G	G	G	E	E	E	E	J	ل ل	J	L L	ل ل	J J														
	1.5	С	C	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	1.8 2.2	c	C C	C C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	2.7	Ċ	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	3.3 3.9	c	C C	C C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	4.7	С	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	5.6 6.8	C C	C C	C C	G	G	G	G	E	E	E	E	J	J	J	J	J J	J														
	8.2	С	С	C	G	G	G	G	E	E	E	E	J	Ĵ	J	J	J	J							اسمد	\sim	\leq	₩				
	10 12	C C	C C	C C	G	G	G	G	E	E	E	E	J	J	J	J	J	J J							\sim	\leq	,)), fr				
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	47	С	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J		L												
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	82	Ċ	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	100 120	C C	C C	C C	G	G	G	G	E	E	E	E	J	J	J	J	J	ل ل														
	150	C C	С	C	G	G	G	G	E	E	E	E	J	J	J	J	J	J														
	180 220	c	C C	C C	G	G	G	G	E	E	E	E	J	ل ل	J	J	J	ل ل														
	270 330	C C			G	G	G	G	E	E	E	J	M	J	J	J	J	J														
	390	U			G	G	G	G	J	J	EJ	J	M	J	J	J	J	J														
	470 560				G	G	G		J	J	J	ل ل	М	J	J	J	J	J		J	J											
	680				G	G	G		J	J	J	J		J	J	J	J	J	J	J	J	J										
	820				G	G	G		J	J	J	ل ل		J	J	J	J	Q	J	J	J	J	К	К	К	К	м	M	M	D	D	D
	1200				ŭ	ŭ			J	J	J			J	J	J	J	Q	J	J	J	M	ĸ	ĸ	к	К	M	M	м	P	P	P
	1500 1800				-				J	J	J			J	J	J	M	Q	J	J	J	M	K K	K	K K	K K	M	M	M	P	P	P
	2200				1				J	J	M			J	J	M	P		Ĵ	Ĵ	M	Q	ĸ	ĸ	ĸ	K	M	M	м	P	P	P
	2700 3300				-				J	J	M			J	J	M	P		J	J	M	Q	K K	K	K K	P	M	M	M	P	P	P
	3900				1				N	N	М			J	J	М	P		J	J	M		К	к	ĸ	P	M	M	M	P	P	P
	4700 5600				1				N N	N				J	J	M	P		J	J	M		K K	M	M	P	M	M	M	P	P	P P
	6800 8200				1				N N					M	M				J	J			ĸ	M	M	X	M	M	М	P	P	P
Cap (0.010			-	1	+	1		N				1	М	M		1	1	N	N			ĸ	P	X	X	M	M		P	P	P
(µF) (0.012 0.015				1									M	M				N	N			K M	P			M	M		P	P	P Y
(0.018														IVI								M	P			P	M		P	P	Y
(().022).027																		1				M	P			Р			P	Y Y	Y Y
(0.033			1	1		1		1						1	1			1	1			M							Р	Y	ZZ
().039).047				1														1											P	Y	Z
(0.068				1			1	1						1	1	1		1											P		
(0.082				1																											
W	NDC	16	25	50	6.3	25	50	100	16	25	50	100	200	16	25			200	25	50	100	200	25	50	100	200	50	100	200	50	100	200
\$	IZE		0402				0603		I		0805					1206				12	210			18	12			1825			2225	
					Lette		Α		С		E		G			J		К		М		Ν	P Q				Х		Y		Z	
	_				Max		0.33		0.56		0.71		8.0).94		1.02		1.27		1.40		1.52		1.78		2.29		2.54		.79
MLC	Chips	5		L	Thickn	ess	(0.013)		(0.022)		(0.028	<i>.</i>	(0.0	34)	(0	.037)		(0.040)		(0.050)		(0.055)		(0.060)		(0.070)		(0.090)	(0.100)	(0.	110)
	PAPER																EM	BOSSE	ED													

X7R Dielectric



X5R Dielectric



Letter	Α	С	E	G	J	к	м	N	Р	Q	X	Y	Z		
Max.	0.33	0.56	0.71	0.86	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)	(0.034)	(0.037)	(0.040)	(0.050)	(0.055)	(0.060)	(0.070)	(0.090)	(0.100)	(0.110)	21	
			PAPER			EMBOSSED									