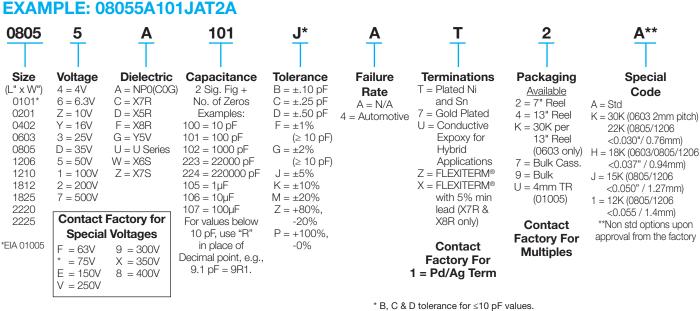
Part Number Explanation

Commercial Surface Mount Chips



Standard Tape and Reel material (Paper/Embossed) depends upon chip size and thickness.

See individual part tables for tape material type for each capacitance value.

NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers. For Tin/Lead Terminations, please refer to LD Series

High Voltage MLC Chips EXAMPLE: 1808AA271KA11A

1808	<u>A</u>	<u>A</u>	271	K	<u>A</u>	Ţ	1	A
AVX Style 0805 1206 1210 1808 1812 1825 2220 2225 3640	Voltage C = 600V/630V A = 1000V S = 1500V G = 2000V W = 2500V H = 3000V J = 4000V K = 5000V	22	Capacitance Code (2 significant digits + no. of zeros) Examples: 10 pF = 100 100 pF = 101 1,000 pF = 102 2,000 pF = 223 0,000 pF = 224 1 μF = 105	$\begin{array}{c} \mbox{Capacitance} \\ \mbox{Tolerance} \\ \mbox{COG:} & J = \pm 5\% \\ & K = \pm 10\% \\ & M = \pm 20\% \\ \mbox{X7R:} & K = \pm 10\% \\ & M = \pm 20\% \\ & Z = +80\%, \\ & -20\% \end{array}$	Failure Rate A=Not Applicable	Termination 1 = Pd/Ag T = Plated Ni and Sn B = 5% Min Pb Z = FLEXITERM® X = FLEXITERM® with 5% min lead (X7R only)	Packaging/ Marking 1 = 7" Reel 3 = 13" Reel 9 = Bulk	Special Code A = Standard

NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers. For Tin/Lead Terminations, please refer to LD Series



For RoHS compliant products, please select correct termination style.



How to Order

Part Number Explanation



2A

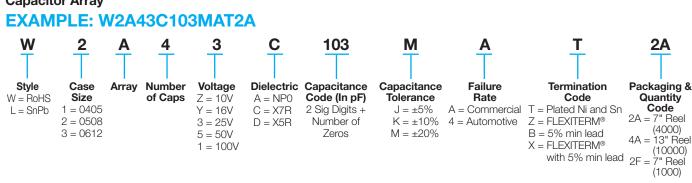
Quantity

Code

(10000)

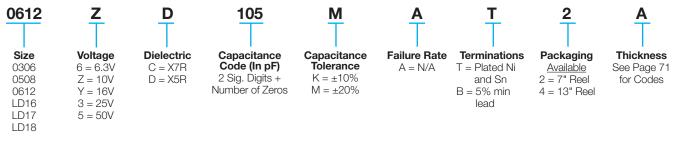
= 7" Reel (1000)

Capacitor Array



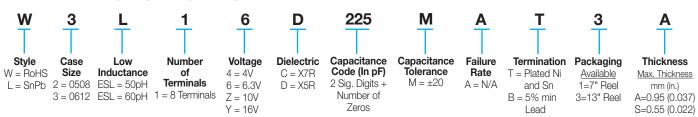
NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers.

Low Inductance Capacitors (LICC) EXAMPLE: 0612ZD105MAT2A



NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers.

Interdigitated Capacitors (IDC) EXAMPLE: W3L16D225MAT3A



NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers.

Low Inductance Decoupling Capacitor Arrays (LICA) EXAMPLE: LICA3T183M3FC4AA

LICA	3	Ŧ	102	M	3	F	C	4	A	A
Style	Voltage	Dielectric	Cap/Section	Capacitance	Height	Termination	Reel Packaging	# of	Inspection	Code
&	5V = 9	D = X5R	(EIA Code)	Tolerance	Code	F = C4 Solder	M = 7" Reel	Caps/Part	Code	Face
Size	10V = Z	T = T55T	102 = 1000 pF	$M = \pm 20\%$	6 = 0.500mm	Balls- 97Pb/3Sn	R = 13" Reel	1 = one	A = Standard	A = Bar
	25V = 3	S = High K	103 = 10 nF	P = GMV	3 = 0.650mm	H = C4 Solder	6 = 2"x2" Waffle Pack	2 = two	B = Established	B = No Bar
		T55T	104 = 100 nF		1 = 0.875mm	Balls-Low ESR	8 = 2"x2" Black Waffle	4 = four	Reliability	C = Dot, S55S
			_		5 = 1.100mm	P = Cr-Cu-Au	Pack		Testing	Dielectrics
No	ot RoHS	Complian	t		7 = 1.600mm	N = Cr-Ni-Au X = None	7 = 2"x2" Waffle Pack w/ termination facing up A = 2"x2" Black Waffle Pack		-	D = Triangle
		~					w/ termination		NOTE: Contact fa	,
	D-FREE	- Ro	HS				facing up		availability of Term	
	E COMPATIB	COMP					C = 4"x4" Waffle Pack		Tolerance Options Part Numbers.	s for Specific
For RoHS compliant products, please select correct termination style.						w/ clear lid	r	ait numbers.	3	