



HOW TO ORDER:



Part Number Explanation

Commercial Surface Mount Chips

EXAMPLE: 08055A101JAT2A

0805	5	A	101	J*	A	T	2	A**
Size (L" x W")	Voltage	Dielectric	Capacitance	Tolerance	Failure Rate	Terminations	Packaging	Special Code
0101*	4 = 4V	A = NP0(C0G)	2 Sig. Fig + No. of Zeros	B = ± 10 pF	A = N/A	T = Plated Ni and Sn	Available	A = Std
0201	6 = 6.3V	C = X7R	Examples:	C = ± 25 pF	4 = Automotive	7 = Gold Plated	2 = 7" Reel	K = 30K (0603 2mm pitch)
0402	Z = 10V	D = X5R	100 = 10 pF	D = ± 50 pF		U = Conductive	4 = 13" Reel	22K (0805/1206
0603	Y = 16V	F = X8R	101 = 100 pF	F = $\pm 1\%$		Expoxy for Hybrid Applications	U = 4mm TR (01005)	<0.030" / 0.76mm)
0805	3 = 25V	G = Y5V	102 = 1000 pF	(≥ 10 pF)				H = 18K (0603/0805/1206
1206	D = 35V	U = U Series	223 = 22000 pF	G = $\pm 2\%$		Z = FLEXITERM®		<0.037" / 0.94mm)
1210	5 = 50V	W = X6S	224 = 220000 pF	(≥ 10 pF)		*X = FLEXITERM®	Contact Factory For Multiples	J = 15K (0805/1206
1812	1 = 100V	Z = X7S	105 = 1 μ F	J = $\pm 5\%$		with 5% min lead (X7R & X8R only)		<0.050" / 1.27mm)
1825	2 = 200V		106 = 10 μ F	K = $\pm 10\%$				1 = 12K (0805/1206
2220	7 = 500V		107 = 100 μ F	M = $\pm 20\%$				<0.055" / 1.4mm)
2225			For values below 10 pF, use "R" in place of Decimal point, e.g., 9.1 pF = 9R1.	Z = +80%, -20%		Contact Factory For 1 = Pd/Ag Term		**Non std options upon approval from the factory
				P = +100%, -0%				

*EIA 01005

Contact Factory for Special Voltages

F = 63V	9 = 300V
* = 75V	X = 350V
E = 150V	8 = 400V
V = 250V	

* B, C & D tolerance for ≤ 10 pF values.

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

