



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* 0201 0402 0603 0805 1206 1210 1812 1825 2220 2225	4 = 4V 6 = 6.3V Z = 10V Y = 16V 3 = 25V D = 35V 5 = 50V 1 = 100V 2 = 200V 7 = 500V	A = NP0(C0G) C = X7R D = X5R F = X8R G = Y5V U = U Series W = X6S Z = X7S	2 Sig. Fig + No. of Zeros Examples: 100 = 10 pF 101 = 100 pF 102 = 1000 pF 223 = 22000 pF 224 = 220000 pF 105 = 1µF 106 = 10µF 107 = 100µF For values below 10 pF, use "R" in place of Decimal point, e.g., 9.1 pF = 9R1.	B = ±.10 pF C = ±.25 pF D = ±.50 pF F = ±1% (≥ 10 pF) G = ±2% (≥ 10 pF) J = ±5% K = ±10% M = ±20% Z = +80%, -20% P = +100%, -0%	A = N/A 4 = Automotive	T = Plated Ni and Sn 7 = Gold Plated U = Conductive Epoxy for Hybrid Applications Z = FLEXITERM® *X = FLEXITERM® with 5% min lead (X7R & X8R only)	Available 2 = 7" Reel 4 = 13" Reel U = 4mm TR (01005) Contact Factory For Multiples	A = Std K = 30K (0603 2mm pitch) 22K (0805/1206 <0.030" / 0.76mm) H = 18K (0603/0805/1206 <0.037" / 0.94mm) J = 15K (0805/1206 <0.050" / 1.27mm) 1 = 12K (0805/1206 <0.055" / 1.4mm) **Non std options upon approval from the factory
*EIA 01005	Contact Factory for Special Voltages F = 63V 9 = 300V * = 75V X = 350V E = 150V 8 = 400V V = 250V					Contact Factory For 1 = Pd/Ag Term		

* 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