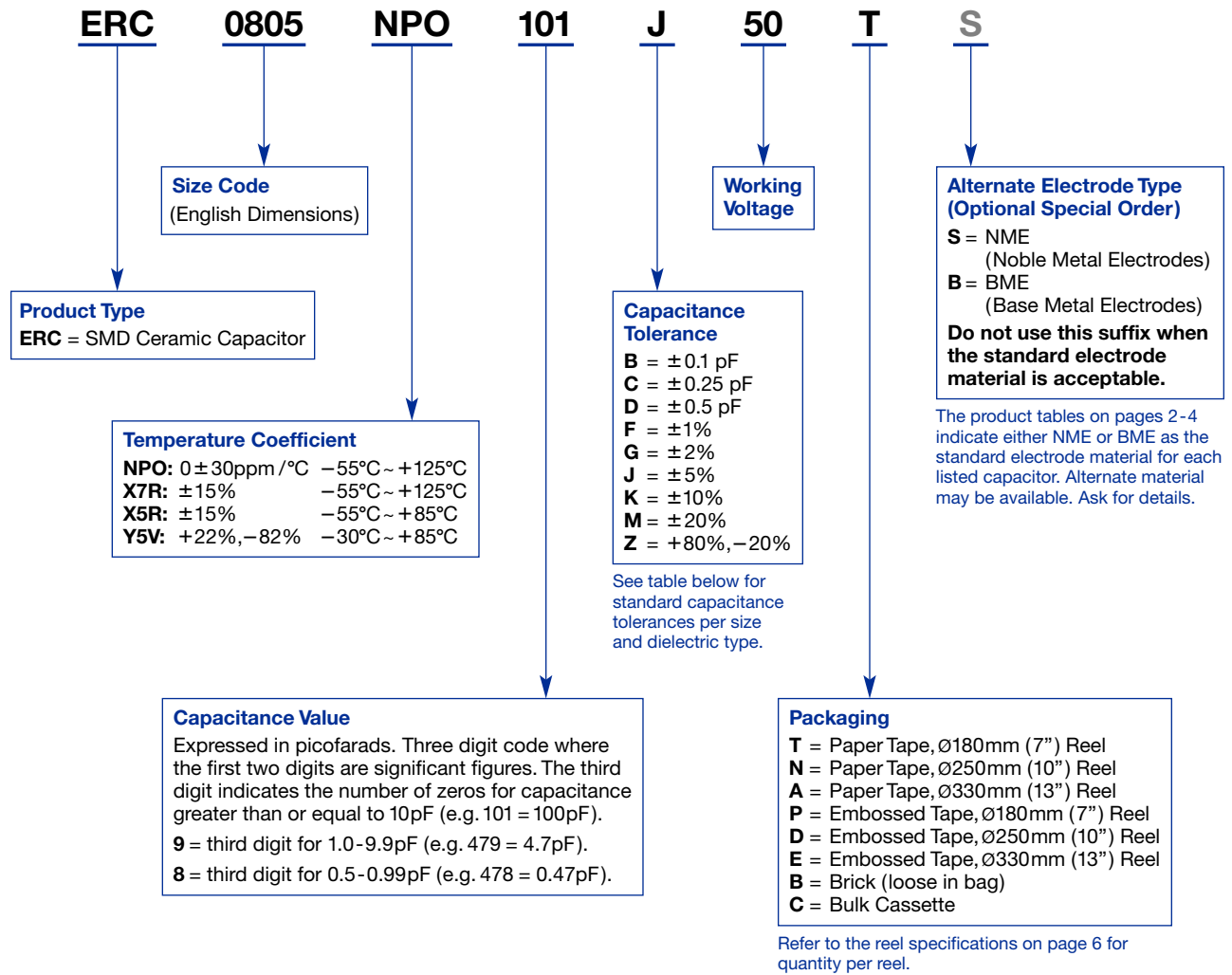


Ordering Information

Part Numbering System for Multilayer Ceramic Chip Capacitors



EIA 198 Temperature Performance Identifiers For Class II~IV Dielectric Capacitors

Low Temperature Rating	High Temperature Rating	Allowed Capacitance Change With Temperature
Z = $+10^\circ\text{C}$	2 = $+40^\circ\text{C}$	A = $\pm 1.0\%$
Y = -30°C	4 = $+65^\circ\text{C}$	B = $\pm 1.5\%$
X = -55°C	5 = $+85^\circ\text{C}$	C = $\pm 2.2\%$
	6 = $+105^\circ\text{C}$	D = $\pm 3.3\%$
	7 = $+125^\circ\text{C}$	E = $\pm 4.7\%$
	8 = $+150^\circ\text{C}$	F = $\pm 7.5\%$
	9 = $+200^\circ\text{C}$	P = $\pm 10\%$
		R = $\pm 15\%$
		S = $\pm 22\%$
		T = $+22\%, -33\%$
		U = $+22\%, -56\%$
		V = $+22\%, -82\%$

Standard Capacitance Tolerances

Size	NPO	X5R	X7R	Y5V
0201	J	-	-	-
0402	$\leq 4.7 \text{ pF}$	C	K	Z
	5.6-8.2 pF	D	K	Z
	$\geq 10 \text{ pF}$	J	K	Z
0805	J	-	K	Z
1206	J	-	K	Z
1210	-	-	-	Z
1808	J	-	K	-
1812	-	-	K	-