



Capacitance Range Chart

C5750 [EIA CC2220]

Capacitance Range Chart

Temperature Characteristics: X7R ($\pm 15\%$), X5R ($\pm 15\%$)
 Rated Voltage: 50V (1H), 25V (1E), 16V (1C), 10V (1A), 6.3V (0J)

Capacitance (pF)	Cap Code	Tolerance	X7R			X5R				
			1H (50V)	1E (25V)	1C (16V)	1H (50V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)
4,700,000	475	K: $\pm 10\%$ M: $\pm 20\%$								
6,800,000	685									
10,000,000	106									
15,000,000	156									
22,000,000	226									
33,000,000	336									
47,000,000	476									
68,000,000	686									
100,000,000	107									

Capacitance Range Chart

Temperature Characteristics: Y5V (+22/-82%)
 Rated Voltage: 50V (1H), 25V (1E), 16V (1C), 10V (1A)

Capacitance (pF)	Cap Code	Tolerance	Y5V			
			1H (50V)	1E (25V)	1C (16V)	1A (10V)
22,000,000	226	Z: +80/-20%				
47,000,000	476					
100,000,000	107					

Standard Thickness

2.00 \pm 0.20 mm
 2.30 \pm 0.20 mm
 2.50 \pm 0.30 mm
 2.80 \pm 0.30 mm

• All specifications are subject to change without notice. Please read the precautions before using the product.



Capacitance Range Table

C5750 [EIA CC2220]

Class 2 (Temperature Stable)

Temperature Characteristics: X7R ($\pm 15\%$), X5R ($\pm 15\%$)

TDK Part Number (Ordering Code)	Temperature Characteristics	Rated Voltage	Capacitance (pF)	Capacitance Tolerance	Thickness (mm)
C5750X7R1H475K/2.00	X7R	50V	4,700,000	$\pm 10\%$	2.00 \pm 0.20
C5750X7R1H475M/2.00	X7R	50V	4,700,000	$\pm 20\%$	2.00 \pm 0.20
C5750X7R1H475M/2.80	X7R	50V	4,700,000	$\pm 20\%$	2.80 \pm 0.30
C5750X7R1H685K	X7R	50V	6,800,000	$\pm 10\%$	2.50 \pm 0.30
C5750X7R1H685M	X7R	50V	6,800,000	$\pm 20\%$	2.50 \pm 0.30
C5750X7R1H106K	X7R	50V	10,000,000	$\pm 10\%$	2.30 \pm 0.20
C5750X7R1H106M	X7R	50V	10,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X7R1E106M	X7R	25V	10,000,000	$\pm 20\%$	2.00 \pm 0.20
C5750X7R1E156M	X7R	25V	15,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X7R1E226M	X7R	25V	22,000,000	$\pm 20\%$	2.50 \pm 0.30
C5750X7R1C226M	X7R	16V	22,000,000	$\pm 20\%$	2.80 \pm 0.30
C5750X7R1C476M	X7R	16V	47,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X5R1H106K	X5R	50V	10,000,000	$\pm 10\%$	2.30 \pm 0.20
C5750X5R1H106M	X5R	50V	10,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X5R1E226M	X5R	25V	22,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X5R1C336M	X5R	16V	33,000,000	$\pm 20\%$	2.00 \pm 0.20
C5750X5R1C476M	X5R	16V	47,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X5R1A686M	X5R	10V	68,000,000	$\pm 20\%$	2.30 \pm 0.20
C5750X5R1A107M	X5R	10V	100,000,000	$\pm 20\%$	2.80 \pm 0.30
C5750X5R0J107M	X5R	6.3V	100,000,000	$\pm 20\%$	2.80 \pm 0.30

Class 3 (General Purpose)

Temperature Characteristics: Y5V (+22/-82%)

TDK Part Number (Ordering Code)	Temperature Characteristics	Rated Voltage	Capacitance (pF)	Capacitance Tolerance	Thickness (mm)
C5750Y5V1H226Z	Y5V	50V	22,000,000	+80/-20%	2.00 \pm 0.20
C5750Y5V1E476Z	Y5V	25V	47,000,000	+80/-20%	2.00 \pm 0.20
C5750Y5V1C107Z	Y5V	16V	100,000,000	+80/-20%	2.50 \pm 0.30
C5750Y5V1A107Z	Y5V	10V	100,000,000	+80/-20%	2.50 \pm 0.30