



Capacitance Range Chart

C5750 [EIA CC2220]

Capacitance Range Chart

Temperature Characteristics: X7R ($\pm 15\%$), X7S ($\pm 22\%$)
 Rated Voltage: 630V (2J), 250V(2E), 100V (2A)

Capacitance (pF)	Cap Code	Tolerance	X7R			X7S
			2J (630V)	2E (250V)	2A (100V)	2A (100V)
150,000	154	K: $\pm 10\%$ M: $\pm 20\%$				
220,000	224					
330,000	334					
470,000	474					
680,000	684					
1,000,000	105					
1,500,000	155					
2,200,000	225					
3,300,000	335					
4,700,000	475					
10,000,000	106					
15,000,000	156					

Standard Thickness

	1.60 $\pm$ 0.20 mm
	2.30 $\pm$ 0.20 mm
	2.50 $\pm$ 0.30 mm



Capacitance Range Table

Class 2 (Temperature Stable)

Temperature Characteristics: X7R ($\pm 15\%$), X7S ($\pm 22\%$)

TDK Part Number (Ordering Code)	Temperature Characteristics	Rated Voltage	Capacitance (pF)	Capacitance Tolerance	Thickness (mm)
C5750X7R2A105K	X7R	100V	1,000,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2A105M	X7R	100V	1,000,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2A155K	X7R	100V	1,500,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2A155M	X7R	100V	1,500,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2A225K	X7R	100V	2,200,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2A225M	X7R	100V	2,200,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2A335K	X7R	100V	3,300,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2A335M	X7R	100V	3,300,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2A475K	X7R	100V	4,700,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2A475M	X7R	100V	4,700,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2E334K	X7R	250V	330,000	$\pm 10\%$	1.60 $\pm$ 0.20
C5750X7R2E334M	X7R	250V	330,000	$\pm 20\%$	1.60 $\pm$ 0.20
C5750X7R2E474K	X7R	250V	470,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2E474M	X7R	250V	470,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2E684K	X7R	250V	680,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2E684M	X7R	250V	680,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2E105K	X7R	250V	1,000,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2E105M	X7R	250V	1,000,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7R2J154K	X7R	630V	150,000	$\pm 10\%$	1.60 $\pm$ 0.20
C5750X7R2J154M	X7R	630V	150,000	$\pm 20\%$	1.60 $\pm$ 0.20
C5750X7R2J224K	X7R	630V	220,000	$\pm 10\%$	2.30 $\pm$ 0.20
C5750X7R2J224M	X7R	630V	220,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7S2A106M	X7S	100V	10,000,000	$\pm 20\%$	2.30 $\pm$ 0.20
C5750X7S2A156M	X7S	100V	15,000,000	$\pm 20\%$	2.50 $\pm$ 0.30