

TDK High Capacitance Ceramic Chip Capacitors

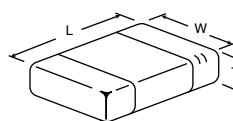
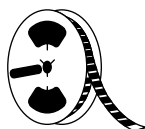


TDK C SERIES CAPACITORS

RoHS Compliant This product is RoHS compliant.

Features:

- COG (NP0), X7R, X5R, and 75V Dielectrics
- High capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layers.
- Monolithic structure ensures superior mechanical strength and reliability
- High-accuracy automatic mounting is facilitated through the maintenance of very precise dimensional tolerances.
- Composed of only ceramics and metals, these capacitors provide extremely dependable performance, exhibiting virtually no degradation even when subjected to temperature extremes.



EIA Code	EIAJ Code	Dim. L	(mm) W
1210	3225	3.2	2.5
1812	4532	4.5	3.2
2220	5750	5.7	5.0



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Style 1210

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Volt (DC)	Tolerance ±	Dimension T (mm)	Price Each				Reel Quantity	Price Each
						1	50	100	500		
Temperature Coef: X7R											
810-C3225X7R1H105K	C3225X7R1H105K	1	50	10%	1.6					1,000	
810-C3225X7R1H105M	C3225X7R1H105M	1	50	20%	1.6					1,000	
810-C3225X7R2A105M	C3225X7R2A105M	1	100	20%	2					1,000	
810-C3225X7R1E225M	C3225X7R1E225M	2.2	25	20%	1.6					1,000	
810-C3225X7R1H225K	C3225X7R1H225K	2.2	50	10%	2.5					1,000	
810-C3225X7R1H335M	C3225X7R1H335M	3.3	50	20%	2.5					1,000	
810-C3225X7R1E475K	C3225X7R1E475K	4.7	25	10%	2					1,000	
810-C3225X7R1E475M	C3225X7R1E475M	4.7	25	20%	2					1,000	
810-C3225X7R1C106M	C3225X7R1C106M	10	16	20%	2					1,000	
810-C3225X7R1E106M	C3225X7R1E106M	10	25	20%	2.5					1,000	
Temperature Coef: X5R											
810-C3225X5R1A106K	C3225X5R1A106K	10	10	10%	2					1,000	
810-C3225X5R1A106M	C3225X5R1A106M	10	10	20%	2					1,000	
810-C3225X5R1C106M	C3225X5R1C106M	10	16	20%	2					1,000	
810-C3225X5R0J226M	C3225X5R0J226M	22	6.3	20%	2					1,000	
810-C3225X5R1A226M	C3225X5R1A226M	22	10	20%	2.3					1,000	
810-C3225X5R1C226M	C3225X5R1C226M	22	16	20%	2.5					1,000	
810-C3225X5R0J476M	C3225X5R0J476M	47	6.3	20%	2.5					1,000	
810-C3225X5R0J107M	C3225X5R0J107M	100	6.3	20%	2.5					1,000	
Temperature Coef: Y5V											
810-C3225Y5V1C106Z	C3225Y5V1C106Z	10	16	+80,-20%	1.25					2,000	
810-C3225Y5V1E106Z	C3225Y5V1E106Z	10	25	+80,-20%	1.6					2,000	
810-C3225Y5V1A226Z	C3225Y5V1A226Z	22	10	+80,-20%	1.15					1,000	
810-C3225Y5V1A476Z	C3225Y5V1A476Z	47	10	+80,-20%	2					1,000	
810-C3225Y5V0J107Z	C3225Y5V0J107Z	100	6.3	+80,-20%	2.5					1,000	



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Style 1812

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Volt (DC)	Tolerance ±	Dimension T (mm)	Price Each				Reel Quantity	Price Each
						1	50	100	500		
Temperature Coef: X7R											
810-C4532X7R2A105K	C4532X7R2A105K	1	100	10%	2.3					500	
810-C4532X7R2A105M	C4532X7R2A105M	1	100	20%	2.3					500	
810-C4532X7R1H225M	C4532X7R1H225M	2.2	50	20%	1.6					1,000	
810-C4532X7R2A225M	C4532X7R2A225M	2.2	100	20%	2.3					500	
810-C4532X7R1E475M	C4532X7R1E475M	4.7	25	20%	1.6					1,000	
810-C4532X7R1H475M	C4532X7R1H475M	4.7	50	20%	2					1,000	
810-C4532X7R1H685M	C4532X7R1H685M	6.8	50	20%	2.5					500	
810-C4532X7R1E106M	C4532X7R1E106M	10	25	20%	2.5					500	
810-C4532X7R1C226M	C4532X7R1C226M	22	16	20%	2.5					500	
Temperature Coef: X5R											
810-C4532X5R1A226M	C4532X5R1A226M	22	10	20%	2					500	
810-C4532X5R1E226M	C4532X5R1E226M	22	25	20%	2.5					500	
810-C4532X5R1A336M	C4532X5R1A336M	33	10	20%	2					500	
810-C4532X5R1C336M	C4532X5R1C336M	33	16	20%	2.5					500	
810-C4532X5R1A476M	C4532X5R1A476M	47	10	20%	2.8					500	
810-C4532X5R0J107M	C4532X5R0J107M	100	6.3	20%	2.8					500	
Temperature Coef: Y5V											
810-C4532Y5V1A107Z	C4532Y5V1A107Z	100	10	+80,-20%	2.5					500	



RoHS Compliant

Style 2220

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Volt (DC)	Tolerance ±	Dimension T (mm)	Price Each				Reel Quantity	Price Each
						1	50	100	500		
Temperature Coef: X7R											
810-C5750X7R2A475M	C5750X7R2A475M	4.7	100	20%	2.3					500	
810-C5750X7R1H106M	C5750X7R1H106M	10	50	20%	2.3					500	
810-C5750X7R1E226M	C5750X7R1E226M	22	25	20%	2.5					500	
Temperature Coef: X5R											
810-C5750X5R1C476M	C5750X5R1C476M	47	16	20%	2.3					500	
810-C5750X5R1A686M	C5750X5R1A686M	68	10	20%	2.3					500	

