

TDK MLCC Ceramic Capacitors

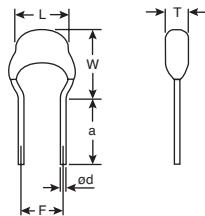


RoHS Compliant This product is RoHS compliant.

TDK DIPPED RADIAL CERAMIC CAPACITORS

Features:

- Due to the technological progress in creating thinner layers of ceramic dielectric and achieving multilayer lamination, this product provides large electrostatic capacity.
- It maintains a high level of reliability under specified environmental conditions.
- Its residual inductance is small and it provides good frequency characteristics.
- The leads are formed with a "kink" to achieve consistent insertion heights and facilitate the release of gases during soldering for dramatically improved solderability.
- Also available are products that meet taping specifications for automatic insertions, which contribute to reducing on-board costs.



Type	DIMENSIONS: mm					
	L Max.	W Max.	T Max.	F	a	gd
FK14	4.5	5.5	2.5	2.5±0.8	5+3,-1	0.5+0.1,-0.03
FK11	5.5	7.0	4.0	2.5±0.8	5+3,-1	0.5+0.1,-0.03

FK11 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt. (Vdc)	Tol. (%)	Price Each				
Mfr.	Mfr. Part No.				1	50	100	500	1000
FK11 Series Temperature Coef: C0G									
810	FK11C0G2A153J	.015µF	100	5%	.49	.374	.34	.309	.284
810	FK11C0G1H223J	.022µF	50	5%	.60	.46	.418	.38	.35
810	FK11C0G2A223J	.022µF	100	5%	.61	.468	.425	.386	.355
810	FK11C0G1H333J	.033µF	50	5%	.60	.46	.418	.38	.35
810	FK11C0G2A333J	.033µF	100	5%	.73	.56	.509	.463	.426
810	FK11C0G1H473J	.047µF	50	5%	1.42	.90	.75	.54	.42
810	FK11C0G2A473J	.047µF	100	5%	.81	.624	.567	.515	.474
810	FK11C0G1H683J	.068µF	50	5%	1.90	1.40	1.00	.80	.56
810	FK11C0G1H104J	.10µF	50	5%	2.13	1.57	1.12	.90	.63
Temperature Coef: X5R									
810	FK11X5R1H225K	2.2µF	50	10%	.85	.63	.45	.41	.252
810	FK11X5R1H335K	3.3µF	50	10%	.95	.60	.50	.365	.28
810	FK11X5R1E475K	4.7µF	25	10%	.60	.46	.418	.38	.35
810	FK11X5R1E685K	6.8µF	25	20%	.60	.46	.418	.38	.35
810	FK11X5R0J336M	10µF	6.3	20%	.60	.46	.418	.38	.35
810	FK11X5R1C106K	10µF	16	10%	.60	.46	.418	.38	.35
810	FK11X5R1C106M	10µF	16	20%	.60	.46	.418	.38	.35
810	FK11X5R1E106K	10µF	25	10%	.63	.485	.441	.401	.369
810	FK11X5R1E106M	10µF	25	20%	.80	.614	.558	.507	.466
810	FK11X5R1A156M	15µF	10	20%	1.14	.75	.60	.46	.336
810	FK11X5R1C156M	15µF	16	20%	.63	.485	.441	.401	.369
810	FK11X5R0J226M	22µF	6.3	20%	1.02	.75	.537	.48	.301
810	FK11X5R1A226M	22µF	10	20%	.60	.46	.418	.38	.35
810	FK11X5R1C226M	22µF	16	20%	.80	.614	.558	.507	.466
810	FK11X5R0J476M	47µF	6.3	20%	.60	.46	.418	.38	.35
810	FK11X5R0J686M	68µF	6.3	20%	.63	.485	.441	.401	.369
810	FK11X5R0J107M	100µF	6.3	20%	.80	.614	.558	.507	.466
Temperature Coef: X7R									
810	FK11X7R2A334K	.33µF	100	10%	.40	.311	.283	.257	.236
810	FK11X7R2A474K	.47µF	100	10%	.40	.311	.283	.257	.236
810	FK11X7R1H684K	.68µF	50	10%	.66	.49	.35	.28	.196
810	FK11X7R2A684K	.68µF	100	10%	.49	.374	.34	.309	.284
810	FK11X7R1H105K	1.0µF	50	10%	.73	.54	.387	.35	.217
810	FK11X7R2A105K	1µF	100	10%	.49	.374	.34	.309	.284
810	FK11X7R1H155K	1.5µF	50	10%	.80	.59	.425	.34	.236
810	FK11X7R2A155K	1.5µF	100	10%	.61	.468	.425	.386	.355
810	FK11X7R1E225K	2.2µF	25	10%	.91	.67	.48	.43	.268
810	FK11X7R1H225K	2.2µF	50	10%	.61	.468	.425	.386	.355
810	FK11X7R2A225K	2.2µF	100	10%	.81	.624	.567	.515	.474
810	FK11X7R1E335K	3.3µF	25	10%	.95	.60	.50	.365	.28
810	FK11X7R1H335K	3.3µF	50	10%	.61	.468	.425	.386	.355
810	FK11X7R1E475K	4.7µF	25	10%	1.37	1.01	.725	.65	.406
810	FK11X7R1H475K	4.7µF	50	10%	.73	.56	.509	.463	.426
810	FK11X7R1E685K	6.8µF	25	10%	1.52	1.12	.80	.64	.448
810	FK11X7R1C106K	10µF	16	10%	.82	.60	.435	.39	.243
810	FK11X7R1C106M	10µF	16	20%	.82	.60	.435	.39	.243
810	FK11X7R1E106K	10µF	25	20%	.63	.483	.439	.399	.367
810	FK11X7R1E106M	10µF	25	20%	.63	.483	.439	.399	.367
810	FK11X7R1C156M	15µF	16	20%	1.04	.77	.55	.50	.308
810	FK11X7R1A226M	22µF	10	20%	.44	.336	.305	.277	.255
810	FK11X7R1C226M	22µF	16	20%	.49	.374	.34	.309	.284
Temperature Coef: X7S									
810	FK11X7S2A335K	3.3µF	100	10%	.81	.624	.567	.515	.474
810	FK11X7S1H475K	4.7µF	50	10%	.73	.56	.509	.463	.426
810	FK11X7S2A475K	4.7µF	100	10%	.81	.624	.567	.515	.474
810	FK11X7S1H685K	6.8µF	50	10%	1.01	.778	.707	.643	.592
Temperature Coef: Y5V									
810	FK11Y5V1H475Z	4.7µF	50	+80,-20%	.99	.73	.525	.42	.294
810	FK11Y5V1H106Z	10µF	50	+80,-20%	.81	.624	.567	.515	.474
810	FK11Y5V1E106Z	10µF	25	+80,-20%	1.33	.98	.70	.56	.392
810	FK11Y5V1E226Z	22µF	25	+80,-20%	.81	.624	.567	.515	.474
810	FK11Y5V1C226Z	22µF	16	+80,-20%	1.54	1.41	.815	.652	.456
810	FK11Y5V1C476Z	47µF	16	+80,-20%	.81	.624	.567	.515	.474
810	FK11Y5V1A476Z	47µF	10	+80,-20%	2.04	1.50	1.07	.86	.602
810	FK11Y5V0J107Z	100µF	6.3	+80,-20%	3.37	2.48	1.77	1.28	.994

FK14 Series

For quantities greater than listed, call for quote.

Temperature Coef: C0G		Value (pF)	Volt. (Vdc)	Tol. (%)	Price Each				
Mfr.	Mfr. Part No.				1	50	100	500	1000
810	FK14C0G2E821J	820	250	5%	.27	.20	.145	.116	.081
810	FK14C0G2A102J	1000	100	5%	.25	.18	.135	.108	.075
810	FK14C0G2E102J	1000	250	5%	.27	.20	.145	.116	.081
810	FK14C0G2A120J	1200	100	5%	.30	.22	.16	.128	.089
810	FK14C0G2E122J	1200	250	5%	.32	.23	.17	.136	.095
810	FK14C0G2A152J	1500	100	5%	.30	.22	.16	.128	.089
810	FK14C0G2E152J	1500	250	5%	.32	.23	.17	.136	.095
810	FK14C0G2A182J	1800	100	5%	.30	.22	.16	.128	.089

FK14 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt. (Vdc)	Tol. (%)	Price Each				
Mfr.	Mfr. Part No.				1	50	100	500	1000
Temperature Coef: C0G (Cont.)									
810	FK14C0G2E182J	1800	250	5%	.32	.23	.17	.136	.095
810	FK14C0G2A222J	2200	100	5%	.30	.22	.16	.128	.089
810	FK14C0G2E222J	2200	250	5%	.32	.23	.17	.136	.095
810	FK14C0G2A272J	2700	100	5%	.35	.25	.185	.148	.103
810	FK14C0G2E272J	2700	250	5%	.34	.25	.18	.144	.10
810	FK14C0G2A332J	3300	100	5%	.35	.25	.185	.148	.103
810	FK14C0G2A392J	3900	100	5%	.35	.25	.185	.148	.103
810	FK14C0G1H392J	3900	50	5%	.34	.25	.18	.144	.10
810	FK14C0G2A472J	4700	100	5%	.35	.25	.185	.148	.103
810	FK14C0G1H472J	4700	50	5%	.34	.25	.18	.144	.10
810	FK14C0G1H562J	5600	50	5%	.38	.28	.202	.162	.113
810	FK14C0G1H682J	6800	50	5%	.38	.28	.202	.162	.113
810	FK14C0G1H822J	8200	50	5%	.42	.31	.225	.18	.126
810	FK14C0G1H103J	10000	50	5%	.42	.31	.225	.18	.126
810	FK14C0G1H153J	.015µF	50	5%	.25	.194	.176	.16	.147
810	FK14C0G1H223J	.022µF	50	5%	.25	.194	.176	.16	.147
810	FK14C0G1H333J	.033µF	50	5%	.25	.194	.176	.16	.147
810	FK14C0G1H272J	.27µF	50	5%	.21	.161	.146	.133	.122
810	FK14C0G1H332J	.33µF	50	5%	.21	.161	.146	.133	.122
Temperature Coef: X5R									
810	FK14X5R1E684K	.68µF	25	10%	.21	.161	.146	.133	.122
810	FK14X5R1C105K	1µF	16	10%	.21	.161	.146	.133	.122
810	FK14X5R1E105K	1µF	25	10%	.21	.161	.146	.133	.122
810	FK14X5R1A155K	1.5µF	10	10%	.33	.24	.175	.14	.097
810	FK14X5R1C155K	1.5µF	16	10%	.21	.161	.146	.133	.122
810	FK14X5R1E155K	1.5µF	25	10%	.25	.194	.176	.16	.147
810	FK14X5R1A225K	2.2µF	10	10%	.30	.22	.16	.128	.089
810	FK14X5R1C225K	2.2µF	16	10%	.25	.194	.176	.16	.147
810	FK14X5R1E225K	2.2µF	25	10%	.25	.194	.176	.16	.147
810	FK14X5R1A335K	3.3µF	10	10%	.38	.28	.20	.16	.112
810	FK14X5R1C335K	3.3µF	16	10%	.25	.194	.176	.16	.147
810	FK14X5R1E335K	3.3µF	25	10%	.30	.227	.206	.187	.172
810	FK14X5R0J475K	4.7µF	6.3	10%	.34	.25	.18	.144	.10
810	FK14X5R1A475K	4.7µF							