

TDK MLCC Ceramic Capacitors



NEW AT MOUSER

Ceramic Caps, Leaded TDK

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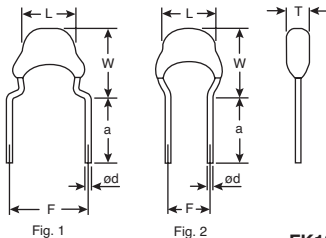
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This product is RoHS compliant.

TDK DIPPED RADIAL CERAMIC CAPACITORS (CONT.)

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.



FK18 Series (Cont.)

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
FK18 Series Temperature Coef: C0G (Cont.)									
810	FK18C0G1H181J	180	50	5%	.21	.15	.112	.09	.063
810	FK18C0G2A221J	220	100	5%	.21	.16	.115	.092	.064
810	FK18C0G2E221J	220	250	5%	.23	.17	.125	.10	.07
810	FK18C0G1H221J	220	50	5%	.21	.15	.112	.09	.063
810	FK18C0G2A271J	270	100	5%	.22	.16	.12	.096	.067
810	FK18C0G2E271J	270	250	5%	.23	.17	.125	.10	.07
810	FK18C0G1H271J	270	50	5%	.22	.16	.117	.094	.065
810	FK18C0G2A331J	330	100	5%	.22	.16	.12	.096	.067
810	FK18C0G2E331J	330	250	5%	.23	.17	.125	.10	.07
810	FK18C0G1H331J	330	50	5%	.22	.16	.117	.094	.065
810	FK18C0G2A391J	390	100	5%	.22	.16	.12	.096	.067
810	FK18C0G2E391J	390	250	5%	.23	.17	.125	.10	.07
810	FK18C0G1H391J	390	50	5%	.22	.16	.117	.094	.065
810	FK18C0G2A471J	470	100	5%	.22	.16	.12	.096	.067
810	FK18C0G2E471J	470	250	5%	.23	.17	.125	.10	.07
810	FK18C0G1H471J	470	50	5%	.22	.16	.117	.094	.065
810	FK18C0G2A561J	560	100	5%	.23	.17	.125	.10	.07
810	FK18C0G2E561J	560	250	5%	.24	.18	.13	.104	.072
810	FK18C0G1H561J	560	50	5%	.22	.16	.12	.096	.067
810	FK18C0G2A681J	680	100	5%	.23	.17	.125	.10	.07
810	FK18C0G2E681J	680	250	5%	.24	.18	.13	.104	.072
810	FK18C0G1H681J	680	50	5%	.22	.16	.12	.096	.067
810	FK18C0G1H821J	820	50	5%	.22	.16	.12	.096	.067
810	FK18C0G2A102J	1000	100	5%	.23	.17	.125	.10	.07
810	FK18C0G1H102J	1000	50	5%	.22	.16	.12	.096	.067
810	FK18C0G2A122J	1200	100	5%	.25	.18	.135	.108	.075
810	FK18C0G1H122J	1200	50	5%	.24	.18	.13	.104	.072
810	FK18C0G1H152J	1500	50	5%	.28	.21	.15	.12	.084
810	FK18C0G1H182J	1800	50	5%	.28	.21	.15	.12	.084
810	FK18C0G1H222J	2200	50	5%	.28	.21	.15	.12	.084
810	FK18C0G1H272J	2700	50	5%	.28	.21	.15	.12	.084
810	FK18C0G1H332J	3300	50	5%	.28	.21	.15	.12	.084
810	FK18C0G1H392J	3900	50	5%	.17	.13	.118	.107	.098
810	FK18C0G1H472J	4700	50	5%	.17	.13	.118	.107	.098
810	FK18C0G1H562J	5600	50	5%	.17	.13	.118	.107	.098
810	FK18C0G1H682J	6800	50	5%	.17	.13	.118	.107	.098
810	FK18C0G1H822J	8200	50	5%	.17	.13	.118	.107	.098
810	FK18C0G1H103J	.01μF	50	5%	.21	.161	.146	.133	.122
Temperature Coef: X5R									
810	FK18X5R1E224K	.22μF	25	10%	.15	.112	.102	.093	.086
810	FK18X5R1A334K	.33μF	10	10%	.22	.16	.12	.096	.067
810	FK18X5R1E334K	.33μF	25	10%	.15	.112	.102	.093	.086
810	FK18X5R1A474K	.47μF	10	10%	.22	.16	.12	.096	.067
810	FK18X5R1E474K	.47μF	16	10%	.17	.13	.118	.107	.098
810	FK18X5R1E474K	.47μF	25	10%	.15	.112	.102	.093	.086
810	FK18X5R1A684K	.68μF	10	10%	.26	.19	.14	.112	.078
810	FK18X5R1E684K	.68μF	16	10%	.17	.13	.118	.107	.098
810	FK18X5R1E684K	.68μF	25	10%	.15	.112	.102	.093	.086
810	FK18X5R1A105K	1.0μF	10	10%	.28	.21	.15	.12	.084
810	FK18X5R0J105K	1μF	6.3	10%	.13	.097	.088	.08	.074
810	FK18X5R1C105K	1μF	16	10%	.17	.13	.118	.107	.098
810	FK18X5R1E105K	1μF	25	10%	.15	.112	.102	.093	.086
810	FK18X5R0J155K	1.5μF	6.3	10%	.15	.112	.102	.093	.086
810	FK18X5R1A155K	1.5μF	10	10%	.17	.13	.118	.107	.098
810	FK18X5R1C155K	1.5μF	16	10%	.17	.13	.118	.107	.098
810	FK18X5R0J225K	2.2μF	6.3	10%	.15	.112	.102	.093	.086
810	FK18X5R1A225K	2.2μF	10	10%	.17	.13	.118	.107	.098
810	FK18X5R1C225K	2.2μF	16	10%	.17	.13	.118	.107	.098
810	FK18X5R0J335K	3.3μF	6.3	10%	.17	.13	.118	.107	.098
810	FK18X5R1A335K	3.3μF	10	10%	.17	.13	.118	.107	.098
810	FK18X5R0J475K	4.7μF	6.3	10%	.17	.13	.118	.107	.098
810	FK18X5R1A475K	4.7μF	10	10%	.17	.13	.118	.107	.098
810	FK18X5R0J106M	10μF	6.3	20%	.21	.161	.146	.133	.122
Temperature Coef: X7R									
810	FK18X7R2A102K	1000	100	10%	.21	.16	.115	.092	.064
810	FK18X7R1H102K	1000	50	10%	.17	.12	.09	.072	.05
810	FK18X7R2A152K	1500	100	10%	.21	.16	.115	.092	.064
810	FK18X7R1H152K	1500	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A222K	2200	100	10%	.21	.16	.115	.092	.064
810	FK18X7R1H222K	2200	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A332K	3300	100	10%	.21	.16	.115	.092	.064
810	FK18X7R1H332K	3300	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A472K	4700	100	10%	.21	.16	.115	.092	.064
810	FK18X7R1H472K	4700	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A682K	6800	100	10%	.22	.16	.12	.096	.067
810	FK18X7R1H682K	6800	50	10%	.19	.14	.10	.08	.056
810	FK18X7R1H103K	10000	50	10%	.17	.12	.09	.072	.05
810	FK18X7R2A103K	.01μF	100	10%	.22	.16	.12	.096	.067
810	FK18X7R1H153K	.015μF	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A153K	.015μF	100	10%	.15	.112	.102	.093	.086

FK18 Series (Cont.)

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: X7R (Cont.)									
810	FK18X7R1H223K	.022μF	50	10%	.19	.14	.10	.08	.056
810	FK18X7R2A223K	.022μF	100	10%	.15	.112	.102	.093	.086
810	FK18X7R1H333K	.033μF	50	10%	.21	.15	.11	.088	.061
810	FK18X7R1H473K	.047μF	50	10%	.21	.15	.11	.088	.061
810	FK18X7R1H683K	.068μF	50	10%	.22	.16	.12	.096	.067
810	FK18X7R1E104K	.1μF	25	10%	.13	.097	.088	.08	.074
810	FK18X7R1H104K	.10μF	50	10%	.21	.15	.11	.088	.061
810	FK18X7R1E154K	.15μF	25	10%	.21	.15	.11	.088	.061
810	FK18X7R1H154K	.15μF	50	10%	.17	.13	.118	.107	.098
810	FK18X7R1C224K	.22μF	16	10%	.22	.16	.12	.096	.067
810	FK18X7R1E224K	.22μF	25	10%	.17	.13	.118	.107	.098
810	FK18X7R1H224K	.22μF	50	10%	.17	.13	.118	.107	.098
810	FK18X7R1C334K	.33μF	16	10%	.17	.13	.118	.107	.098
810	FK18X7R1E334K	.33μF	25	10%	.17	.13	.118	.107	.098
810	FK18X7R1C474K	.47μF	16	10%	.17	.13	.118	.107	.098
810	FK18X7R1E474K	.47μF	25	10%	.17	.13	.118	.107	.098
810	FK18X7R1E684K	.68μF	16	10%	.17	.13	.118	.107	.098
810	FK18X7R1E684K	.68μF	25	10%	.21	.161	.146	.133	.122
810	FK18X7R1C105K	1μF	16	10%	.17	.13	.118	.107	.098
810	FK18X7R1E105K	1μF	25	10%	.23	.178	.162	.147	.135
810	FK18X7R0J155K	1.5μF	6.3	10%	.17	.13	.118	.107	.098
810	FK18X7R0J225K	2.2μF	6.3	10%	.21	.161	.146	.133	.122
Temperature Coef: X7S									
810	FK18X7S2A333K	.033μF	100	10%	.21	.161	.146	.133	.122
810	FK18X7S2A473K	.047μF	100	10%	.21	.161	.146	.133	.122
810	FK18X7S2A683K	.068μF	100	10%	.21	.161	.146	.133	.122
810	FK18X7S2A104K	.1μF	100	10%	.21	.161	.146	.133	.122
Temperature Coef: Y5V									
810	FK18Y5V1H104Z	.10μF	50	+80, -20%	.19	.133	.10	.08	.056
810	FK18Y5V1H224Z	.22μF	50	+80, -20%	.19	.14	.10	.08	.056
810	FK18Y5V1E474Z	.47μF	25	+80, -20%	.21	.16	.115	.092	.064
810	FK18Y5V1H474Z	.47μF	50	+80, -20%	.21	.161	.146	.133	.122
810	FK18Y5V1C105Z	1μF	16	+80, -20%	.23	.17	.125	.10	.07
810	FK18Y5V1E105Z	1μF	25	+80, -20%	.21	.161	.146	.133	.122
810	FK18Y5V1A225Z	2.2μF	10	+80, -20%	.24	.18	.13	.104	.072
810	FK18Y5V1C225Z	2.2μF	16	+80, -20%	.21	.161	.146	.133	.122
810	FK18Y5V0J475Z	4.7μF	6.3	+80, -20%	.26	.19	.137	.096	.077
FK20 Series									
For quantities greater than listed, call for quote.									
Temperature Coef: C0G									
810	FK20C0G2J392J	3900	630	5%	.76	.56	.40	.32	.224
810	FK20C0G2J472J	4700	630	5%	.76	.56	.40	.32	.224
810	FK20C0G2J562J	5600	630	5%	.95	.60	.50	.365	.28
810	FK20C0G2J682J	6800	630	5%	.95	.60	.50	.365	.28
810	FK20C0G2E103J	.01μF	250	5%	.76	.56	.40	.32	.224
810	FK20C0G2A153J	.015μF	100	5%	.76	.56	.40	.32	.224
810	FK20C0G2E153J	.015μF	250	5%	.95	.60			