

# AVX SMD Flexitem™ Ceramic Capacitors

RoHS Compliant This product is RoHS compliant.



## MLCC WITH SOFT TERMINATION

XF7 formulations are called "temperature stable" ceramics and fall into EIA Class II materials.

MOUSER STOCK NO.	AVX Part No.	Value (pF)	Volt	Tol. ±	Price Each			Reel Qty.	Price Per Piece
					1	100	500		
<b>0603 Style</b>									
581-06031C221KAZ2A	06031C221KAZ2A	220	100	10	.35	.15	.08	4000	.038
581-06031C271KAZ2A	06031C271KAZ2A	270	100	10	.35	.15	.08	4000	.038
581-06035C331JAZ2A	06035C331JAZ2A	330	50	5	.41	.25	.141	4000	.068
581-06031C331JAZ2A	06031C331JAZ2A	330	100	5	.41	.25	.141	4000	.068
581-06031C331KAZ2A	06031C331KAZ2A	330	100	10	.35	.15	.08	4000	.038
581-06035C471JAZ2A	06035C471JAZ2A	470	50	5	.41	.25	.141	4000	.068
581-06031C471JAZ2A	06031C471JAZ2A	470	100	5	.41	.25	.141	4000	.068
581-06031C471KAZ2A	06031C471KAZ2A	470	100	10	.35	.15	.08	4000	.038
581-06035C681KAZ2A	06035C681KAZ2A	680	50	10	.35	.15	.08	4000	.038
581-06031C681KAZ2A	06031C681KAZ2A	680	100	10	.35	.15	.08	4000	.038
581-06035C102JAZ2A	06035C102JAZ2A	1000	50	5	.41	.25	.141	4000	.068
581-06035C102KAZ2A	06035C102KAZ2A	1000	50	10	.35	.15	.08	4000	.038
581-06035F102KAZ2A	06035F102KAZ2A	1000	50	10	.35	.15	.08	4000	.038
581-06031C102JAZ2A	06031C102JAZ2A	1000	100	5	.41	.25	.141	4000	.068
581-06031C102KAZ2A	06031C102KAZ2A	1000	100	10	.35	.15	.08	4000	.038
581-06031C122JAZ2A	06031C122JAZ2A	1200	100	5	.41	.25	.141	4000	.068
581-06035C152JAZ2A	06035C152JAZ2A	1500	50	5	.41	.25	.141	4000	.068
581-06035C152KAZ2A	06035C152KAZ2A	1500	50	10	.35	.15	.08	4000	.038
581-06031C152JAZ2A	06031C152JAZ2A	1500	100	5	.41	.25	.141	4000	.068
581-06031C152KAZ2A	06031C152KAZ2A	1500	100	10	.35	.15	.08	4000	.038
581-06035C222JAZ2A	06035C222JAZ2A	2200	50	5	.41	.25	.141	4000	.068
581-06035C222KAZ2A	06035C222KAZ2A	2200	50	10	.35	.15	.08	4000	.038
581-06035C222JAZ2A	06035C222JAZ2A	2200	50	10	.25	.163	.094	4000	.066
581-06031C222JAZ2A	06031C222JAZ2A	2200	100	5	.41	.25	.141	4000	.068
581-06031C222KAZ2A	06031C222KAZ2A	2200	100	10	.35	.15	.08	4000	.038
581-06031C272KAZ2A	06031C272KAZ2A	2700	100	10	.35	.15	.08	4000	.038
581-06035C332KAZ2A	06035C332KAZ2A	3300	50	10	.35	.15	.08	4000	.038
581-06031C332JAZ2A	06031C332JAZ2A	3300	100	5	.41	.25	.141	4000	.068
581-06031C332KAZ2A	06031C332KAZ2A	3300	100	10	.35	.15	.08	4000	.038
581-06031C392JAZ2A	06031C392JAZ2A	3900	100	5	.41	.25	.141	4000	.068
581-0603YC472JAZ2A	0603YC472JAZ2A	4700	16	5	.41	.25	.141	4000	.068
581-06033C472JAZ2A	06033C472JAZ2A	4700	25	5	.41	.25	.141	4000	.068
581-06035C472JAZ2A	06035C472JAZ2A	4700	50	5	.41	.25	.141	4000	.068
581-06035C472KAZ2A	06035C472KAZ2A	4700	50	10	.35	.15	.08	4000	.038
581-06035C472KAZ2A	06035C472KAZ2A	4700	50	10	.35	.15	.08	4000	.038
581-06031C472JAZ2A	06031C472JAZ2A	4700	100	5	.41	.25	.141	4000	.068
581-06031C472KAZ2A	06031C472KAZ2A	4700	100	10	.35	.15	.08	4000	.038
581-06031C562JAZ2A	06031C562JAZ2A	5600	100	5	.41	.25	.141	4000	.068
581-06033C682JAZ2A	06033C682JAZ2A	6800	25	5	.41	.25	.141	4000	.068
581-06035C682JAZ2A	06035C682JAZ2A	6800	50	5	.41	.25	.141	4000	.068
581-06035C682KAZ2A	06035C682KAZ2A	6800	50	10	.35	.15	.08	4000	.038
581-06031C682JAZ2A	06031C682JAZ2A	6800	100	5	.41	.25	.141	4000	.068
581-06031C682KAZ2A	06031C682KAZ2A	6800	100	10	.35	.15	.08	4000	.038
581-0603YC103KAZ2A	0603YC103KAZ2A	10000	16	10	.35	.15	.08	4000	.038
581-06033C103KAZ2A	06033C103KAZ2A	10000	25	10	.35	.15	.08	4000	.038
581-06035C103JAZ2A	06035C103JAZ2A	10000	50	5	.41	.16	.124	4000	.068
581-06035C103KAZ2A	06035C103KAZ2A	10000	50	10	.35	.15	.08	4000	.038
581-06035C103KAZ2A	06035C103KAZ2A	10000	50	10	.35	.15	.08	4000	.038
581-06035F103KAZ2A	06035F103KAZ2A	10000	50	10	.35	.15	.08	4000	.038
581-06031C103JAZ2A	06031C103JAZ2A	10000	100	5	.41	.25	.141	4000	.068
581-06031C103KAZ2A	06031C103KAZ2A	10000	100	10	.22	.13	.12	4000	.049
581-06035C153JAZ2A	06035C153JAZ2A	15000	50	5	.44	.17	.16	4000	.088
581-06035C153KAZ2A	06035C153KAZ2A	15000	50	10	.22	.13	.12	4000	.049
581-0603YC223KAZ2A	0603YC223KAZ2A	22000	16	10	.24	.14	.13	4000	.071
581-06033C223JAZ2A	06033C223JAZ2A	22000	25	5	.44	.17	.16	4000	.088
581-06035C223KAZ2A	06035C223KAZ2A	22000	25	10	.24	.14	.13	4000	.071
581-06035C223JAZ2A	06035C223JAZ2A	22000	50	5	.44	.17	.16	4000	.088
581-06035C223KAZ2A	06035C223KAZ2A	22000	50	10	.24	.14	.13	4000	.071
581-06035C223KAZ2A	06035C223KAZ2A	22000	50	10	.08	.055	.05	4000	.048
581-06035C273KAZ2A	06035C273KAZ2A	27000	50	10	.22	.16	.14	4000	.055
581-06035C333KAZ2A	06035C333KAZ2A	33000	50	10	.22	.13	.12	4000	.049
581-06035C333KAZ2A	06035C333KAZ2A	33000	50	10	.22	.13	.12	4000	.049
581-0603YC473JAZ2A	0603YC473JAZ2A	47000	16	5	.86	.51	.29	4000	.20
581-06033C473JAZ2A	06033C473JAZ2A	47000	25	5	.86	.51	.29	4000	.141
581-06033C473KAZ2A	06033C473KAZ2A	47000	25	10	.45	.14	.11	4000	.072
581-06033C473KAZ2A	06033C473KAZ2A	47000	25	10	.24	.14	.13	4000	.071
581-06035F473JAZ2A	06035F473JAZ2A	47000	50	5	.95	.56	.32	4000	.152
581-06035C473KAZ2A	06035C473KAZ2A	47000	50	10	.27	.16	.14	4000	.055
581-06035F473KAZ2A	06035F473KAZ2A	47000	50	10	.77	.46	.26	4000	.126
581-0603YC683KAZ2A	0603YC683KAZ2A	68000	16	10	.45	.252	.161	4000	.07
581-06035C683KAZ2A	06035C683KAZ2A	68000	50	10	.45	.252	.161	4000	.07
581-0603YC104JAZ2A	0603YC104JAZ2A	0.1µF	16	5	.38	.22	.20	4000	.16
581-0603YC104KAZ2A	0603YC104KAZ2A	0.1µF	16	10	.29	.18	.12	4000	.07
581-06035C104JAZ2A	06035C104JAZ2A	0.1µF	50	5	.51	.378	.34	4000	.172
581-06035C104KAZ2A	06035C104KAZ2A	0.1µF	50	10	.44	.201	.115	4000	.094

Case Size	DIMENSIONS: mm			
	Length (L)	Width (W)	Termination (t)	
	0603	1.60±0.15	0.81±0.15	0.35±0.15
	0805	2.01±0.20	1.25±0.20	0.50±0.25
1206	3.20±0.20	1.60±0.20	0.50±0.25	
1210	3.20±0.20	2.50±0.20	0.50±0.25	

MOUSER STOCK NO.	AVX Part No.	Value (pF)	Volt	Tol. ±	Price Each			Reel Qty.	Price Per Piece
					1	100	500		
<b>0805 Style (Cont.)</b>									
581-08051C222KAZ2A	08051C222KAZ2A	2200	100	10	.34	.12	.11	4000	.043
581-08051C222KAZ2A	08051C222KAZ2A	2200	100	10	.49	.223	.19	4000	.095
581-08051C272KAZ2A	08051C272KAZ2A	2700	100	10	.34	.12	.11	4000	.043
581-08055C332KAZ2A	08055C332KAZ2A	3300	50	10	.70	.39	.223	4000	.15
581-08055C332KAZ2A	08055C332KAZ2A	3300	50	10	.34	.12	.11	4000	.043
581-08051C332KAZ2A	08051C332KAZ2A	3300	100	10	.39	.18	.153	4000	.095
581-08051C392KAZ2A	08051C392KAZ2A	3900	100	10	.34	.12	.11	4000	.043
581-08052C472JAZ2A	08052C472JAZ2A	4700	10	5	.37	.14	.13	4000	.072
581-08053C472JAZ2A	08053C472JAZ2A	4700	25	5	.37	.14	.13	4000	.072
581-08055C472KAZ2A	08055C472KAZ2A	4700	50	5	.36	.12	.063	4000	.043
581-08051C472JAZ2A	08051C472JAZ2A	4700	100	5	.82	.573	.329	4000	.064
581-08055C472JAZ2A	08055C472JAZ2A	4700	50	5	.37	.14	.13	4000	.072
581-08051C472KAZ2A	08051C472KAZ2A	4700	100	10	.34	.12	.11	4000	.043
581-08055C682KAZ2A	08055C682KAZ2A	6800	50	10	.40	.16	.14	4000	.059
581-08051C682KAZ2A	08051C682KAZ2A	6800	100	10	.40	.16	.14	4000	.059
581-08053C103JAZ2A	08053C103JAZ2A	10000	25	5	.37	.14	.13	4000	.072
581-08055C103JAZ2A	08055C103JAZ2A	10000	50	5	.33	.14	.129	4000	.069
581-08055C103KAZ2A	08055C103KAZ2A	10000	50	10	.51	.32	.177	4000	.11
581-08055C103KAZ2A	08055C103KAZ2A	10000	50	10	.36	.16	.14	4000	.059
581-08051C103KAZ2A	08051C103KAZ2A	10000	100	10	.70	.39	.223	4000	.15
581-08051C103KAZ2A	08051C103KAZ2A	10000	100	10	.16	.10	.08	4000	.044
581-08052C103KAZ2A	08052C103KAZ2A	10000	200	10	.42	.35	.203	4000	.09
581-08053C123JAZ2A	08053C123JAZ2A	12000	50	5	.50	.30	.173	4000	.083
581-08055C153KAZ2A	08055C153KAZ2A	15000	50	10	.40	.16	.14	4000	.059
581-08055C223JAZ2A	08055C223JAZ2A	22000	50	5	.50	.30	.173	4000	.083
581-08055C223KAZ2A	08055C223KAZ2A	22000	50	10	.40	.16	.14	4000	.059
581-08051C223KAZ2A	08051C223KAZ2A	22000	100	10	.70	.39	.223	4000	.15
581-08051C223KAZ2A	08051C223KAZ2A	22000	100	10	.34	.12	.11	4000	.043
581-08055C333JAZ2A	08055C333JAZ2A	33000	50	5	.50	.30	.173	4000	.083
581-08055C333KAZ2A	08055C333KAZ2A	33000	50	10	.34	.221	.127	4000	.07
581-08053C473JAZ2A	08053C473JAZ2A	47000	25	5	.50	.30	.173	4000	.083
581-08055C473JAZ2A	08055C473JAZ2								