

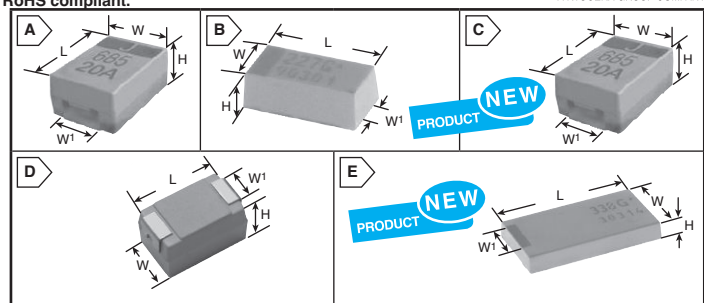
AVX Tantalum Solid Electrolytic Chip Capacitors



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: mm (in.)				
Case Size	L	W	H	*W1 ±0.20 (0.008)
A	7.30 (0.287)	6.10 (0.240)	2.0 (0.079)	4.75 (0.187)
B	14.5 (0.571)	7.50 (0.295)	2.00 (0.079)	5.50 (0.217)
C	3.20 (0.126)	1.80 (0.063)	1.60 (0.063)	1.20 (0.047)
D	3.50 (0.138)	2.80 (0.110)	1.90 (0.075)	2.20 (0.087)
E	6.00 (0.236)	3.20 (0.126)	2.60 (0.102)	2.20 (0.087)
F	7.30 (0.289)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)
G	3.20 (0.126)	1.6 (0.063)	1.50 (0.059) max	2.00 (0.079)
H	3.50 (0.138)	2.80 (0.110)	1.50 (0.059) max	2.20 (0.087)
K	3216-10	3.20 (0.126)	1.60 (0.063)	1.00 (0.039)
L	3528-10	3.50 (0.138)	2.80 (0.110)	1.00 (0.039)
N	2.05 (0.081)	1.30 (0.051)	1.00 (0.039)	1.00 (0.039)
P	2.05 (0.081)	1.35 (0.050)	1.50 (0.059) max	1.0±0.1 (0.039±0.004)
R	2.05 (0.08)	1.30 (0.051)	1.20 (0.047) max	1.0±0.10 (0.039±0.004)
S	3.50 (0.14)	1.60 (0.063)	1.20 (0.047) max	1.20 (0.047)
T	3.50 (0.14)	2.80 (0.110)	1.20 (0.047) max	2.20 (0.087)
W	6.00 (0.236)	3.20 (0.126)	1.50 (0.059) max	2.20 (0.087)
Y	7.30 (0.287)	4.30 (0.169)	2.00 (0.079) max	2.40 (0.094)

* W1 dimension applies to the termination width for A dimensional area only.



Tantalum Caps, SMD

AVX

TCN UNDERTAB SERIES-TANTALUM SOLID CHIP CAPACITOR

- Features:
- Conductive polymer electrode
 - 3x reflow 260°C compatible
 - Undertab terminations layout:
 - High Volumetric Efficiency
 - High PCB assembly density
 - High capacitance in smaller dimensions
 - reduces ignition failure mode
 - Consumer applications
 - Low ESR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 10 100		
581-TCNL157M006R0200	A L	150	200	1.89 1.65 1.44	2500	.64
581-TCNT157M006R0200	A T	150	200	1.60 1.39 1.21	2500	.54

TLN UNDERTAB SERIES

Specifications: Capacitance Tolerance: ±20%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 50 100		
581-TLNL157M004R	B K	150	2500	2.80 2.40 2.12	3000	1.00
581-TLNS157M004R	B S	150	2500	2.95 1.90 1.71	2500	1.01
581-TLNL227M004R	B L	220	1300	3.66 2.44 2.31	2500	1.22
581-TLNL227M004R	B T	220	1500	1.62 1.45 1.21	2500	.756
581-TLNS227M004R3000	B S	220	3000	1.20 1.11 .91	2500	.60
581-TLNT227M006R	B T	220	1500	2.11 1.90 1.58	2500	.987
581-TLNL476M010R1500	B K	47	1500	2.40 1.98 1.82	3000	.87
581-TLNT157M010R	B T	150	1500	2.11 1.90 1.58	2500	.987

TCJ SERIES - CAPACITOR WITH CONDUCTIVE POLYMER ELECTRODE

- Specifications:
- Capacitance Tolerance: ±20%
 - Temperature Range: -55°C to +125°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 10 100		
581-TCJA107M2R200	C A	100	200	.98 .84 .74	4000	.32
581-TCJB107M2R70	C B	100	70	.82 .741 .621	4000	.294
581-TCJA226M4R300	C A	22	300	1.17 1.15 1.12	2000	.79
581-TCJA476M4R200	C A	47	200	.94 .81 .71	2000	.31
581-TCJT476M4R80	C T	47	80	.89 .806 .675	2500	.324
581-TCJB686M4R70	C B	68	70	.82 .741 .621	4000	.294
581-TCJT686M4R80	C T	68	80	.89 .806 .675	2500	.324
581-TCJA107M4R200	C A	100	200	.94 .81 .71	2000	.31
581-TCJB107M4R70	C B	100	70	.82 .741 .621	4000	.294
581-TCJG107M4R0300	C G	100	300	2.12 1.92 1.61	2500	.774
581-TCJT107M4R150	C T	100	150	.89 .806 .675	2500	.324
581-TCJB157M4R70	C B	150	70	.82 .741 .621	2000	.302
581-TCJB227M004R0045	C B	220	45	2.07 1.87 1.56	2000	.763
581-TCJB227M004R0070	C B	220	70	2.21 2.00 1.67	2000	.815

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MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 10 100		
581-TCJA106M6R300	C A	10	300	.94 .81 .71	2000	.31
581-TCJN106M06R0500	C N	10	500	2.10 1.63 1.45	3000	.83
581-TCJA106M6R500	C A	10	500	.78 .709 .594	2500	.285
581-TCJA156M6R300	C A	15	300	1.17 1.15 1.12	4000	.74
581-TCJ226M6R300	C A	22	300	.98 .84 .74	4000	.32
581-TCJ226M6R150	C A	22	150	.89 .806 .675	2500	.324
581-TCJA336M6R200	C A	33	200	.98 .84 .74	2000	.33
581-TCJB336M006R0070	C B	33	70	1.76 1.59 1.33	2000	.651
581-TCJA476M6R200	C A	47	200	.94 .81 .71	2000	.31
581-TCJB476M6R70	C B	47	70	.78 .709 .594	2000	.289
581-TCJK476M006R0150	C K	47	150	2.80 2.30 2.12	2500	1.00
581-TCJK476M006R	C K	47	200	2.78 2.29 2.10	2500	1.00
581-TCJT476M6R80	C T	47	80	.89 .806 .675	2500	.324
581-TCJT476M006R0120	C T	47	120	1.93 1.74 1.46	2500	.702
581-TCJB686M006R0055	C B	68	55	1.94 1.75 1.47	2000	.717
581-TCJB686M6R70	C B	68	70	.82 .741 .621	4000	.294
581-TCJ686M6R100	C B	68	100	.96 .87 .729	2000	.355
581-TCJB107M6R70	C B	100	70	.78 .709 .594	2000	.289
581-TCJB107M06R0045	C B	100	45	.78 .709 .594	2000	.289
581-TCJB157M06R0070	C B	150	70	1.76 1.59 1.33	2000	.651
581-TCJH157M06R0200	C H	150	200	2.46 2.04 1.68	2500	.81
581-TCJ1000157M6R70	C W	150	70	3.00 2.61 2.28	2000	.52
581-TCJB227M006R0200	C B	220	200	2.03 1.83 1.53	2000	.748
581-TCJY337M006R0040	C Y	330	40	3.69 2.90 2.60	1000	1.27
581-TCJY337M006R0050	C Y	330	50	2.95 2.70 2.24	1000	1.26

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 10 100		
581-TCJK475M010R0500	C K	47	500	2.32 2.09 1.75	3000	.833
581-TCJR475M10R500	C R	47	500	.78 .709 .594	2500	.285
581-TCJA108M10R300	C A	10	300	.95 .82 .71	2000	.32
581-TCJA156M10R200	C A	15	200	.98 .84 .74	2000	.33
581-TCJB226M10R300	C B	22	300	.78 .709 .594	2000	.289
581-TCJT226M10R150	C T	22	150	.78 .709 .594	2000	.285
581-TCJB336M10R200	C B	33	200	.78 .709 .594	2000	.289
581-TCJC336M10R100	C C	33	100	.96 .87 .729	500	.391
581-TCJT336M10R0070	C T	33	70	2.30 2.07 1.74	2500	.836
581-TCJT336M10R150	C T	33	150	.89 .806 .675	2500	.324

TCJ SERIES CONT.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Value (µF)	ESR (mΩ) @ 100 kHz	Price Each	Reel Qty.	Price Per Piece
Mfr. Mfr. Part No.	Fig.			1 10 100		
581-TCJB336M010R0070	C C	B	33	70	1.76 1.59 1.33	2000 .651
581-TCJB476M10R70	C C	B	47	70	.78 .709 .594	2000 .289
581-TCJC476M10R100	C C	C	47	100	.78 .709 .594	500 .318
581-TCJA685M16R200	C C	A	6.8	200	.94 .81 .71	2000 .37
581-TCJA106M16R200	C C	A	10	200	.94 .81 .71	2000 .31
581-TCJB106M16R200	C C	B	10	200	2.32 2.09 1.75	2000 .855
581-TCJT106M16R150	C C	T	10	150	.78 .709 .594	2500 .285
581-TCJT106M16R200	C C	T	10	200	1.83 1.66 1.39	2500 .668
581-TCJE107M016R0040	C C	E	100	45	8.47 6.90 6.30	400 3.02
581-TCJB156M16R150	C C	B	15	150	.82 .741 .621	4000 .294
581-TCJE157M016R0040	C C	E	150	40	8.77 7.20 6.60	400 3.47
581-TCJB226M16R150	C C	B	22	150	.78 .709 .594	2000 .289
581-TCJY336M016R0070	C C	Y	33	70	3.55 2.92 2.68	1000 1.34
581-TCJY476M016R0070	C C	Y	47	70	3.75 3.08 2.83	1000 1.41
581-TCJE107M020R0045	C C	E	100	45	8.92 7.35 6.75	400 3.47
581-TCJE226M020R0070	C C	E	22	70	3.55 2.92 2.68	1000 1.34
581-TCJY336M020R0070	C C	Y	33	70	3.75 3.08 2.83	1000 1.41
581-TCJY476M020R0070	C C	Y	47	70	4.14 3.42 3.33	1000 1.55
581-TCJE686M020R0045	C C	E	68	45	8.62 7.05 6.45	400 3.32
581-TCJP105M025R0500	C C	P	1	500	2.35 2.12 1.77	2500 .854
581-TCJB106M025R	C C	B	10	100	2.00 1.64 1.51	2500 .736
581-TCJB156M025R	C C	B	15	100	2.06 1.70 1.56	2500 .762
581-TCJB226M025R	C C	B	22	100	2.10 1.73 1.59	2500 .775
581-TCJC226M025R0100	C C	C	22	100	4.14 3.68 3.33	500 1.66
581-TCJD226M025R0060	C C	D	22	60	5.28 4.96 4.40	500 2.24
581-TCJD336M025R0060	C C	D	33	60	5.11 4.78 4.25	500 2.74
581-TCJD476M025R0060	C C	D	47	60	7.92 7.44 6.60	500 3.36
581-TCJB155M035R0200	C C	B	1.5	200	1.82 1.48 1.05	2000 .508
581-TCJB225M035R0200	C C	B	2.2	200	1.95 1.59 1.13	2000 .546
581-TCJB335M035R0200	C C	B	3.3	200	2.08 1.72 1.42	2000 .686
581-TCJB475M035R0200	C C	B	4.7	200	2.12 1.75 1.44	2000 .698
581-TCJC475M035R0200	C C	C	4.7	200	2.83 2.45 2.14	500 1.16
581-TCJC685M035R0200	C C	C	6.8	200	3.52 2.92 2.57	500 1.37
581-TCJB106M035R	C C	B	10	200	2.07 1.70 1.56	2500 .763
581-TCJC106M035R0200	C C	C	10	200	3.03 2.74 2.29	500 1.23
581-TCJC156M035R0200	C C	C	15	200	4.13 3.67 3.32	500 1.66
581-TCJD156M035R0070	C C	D	15	70	5.12 4.80 4.26	500 2.17
581-TCJD226M035R0070	C C	D	22	70	6.44 6.04 5.36	500 2.73
581-TCJD336M035R0070	C C	D	33	70	7.52 7.06 6.27	500 3.19