

# VISHAY/SPRAGUE Solid Tantalum Chip Capacitors

RoHS Compliant This product is RoHS compliant.

## TR3 SERIES: TANTAMOUNT® MOLDED CASE, LOW ESR

### Features:

- Operating temperature: -55°C to +85°C (to +125°C with voltage derating)
- Compatible with "High Volume" automatic pick and place equipment
- High ripple current carrying capability
- Meets IEC Specification QC300801/US0001 and EIA 535BAAE
- Low ESR



### 4 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Case Code	Tol. ± %	ESR (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	10	100		
74	TR3A476K004C0500	47	A	10	0.5	1.22	1.02	.712	2000	.316
74	TR3B227M004C0700	220	B	20	0.7	1.41	1.15	.872	2000	.396
74	TR3B227M004C1100	220	B	20	1.1	1.05	.877	.63	2000	.271
74	TR3E108M004C0100	1000	E	20	0.1	4.22	3.74	3.39	400	2.18

### 16 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Case Code	Tol. ± %	ESR (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	10	100		
74	TR3A475K016C2000	4.7	A	10	2	.95	.804	.483	2000	.227
74	TR3B475K016C1500	4.7	B	10	1.5	1.01	.84	.54	2000	.255
74	TR3A106K016C1700	10	A	10	1.7	.95	.804	.517	2000	.227
74	TR3B106K016C0350	10	B	10	0.5	1.16	.968	.662	2000	.299
74	TR3B106K016C0800	10	B	10	0.8	1.01	.84	.54	2000	.255
74	TR3B106M016C0800	10	B	20	0.8	1.01	.84	.54	2000	.255
74	TR3C106K016C0450	10	C	10	0.45	1.17	.978	.717	500	.374
74	TR3C106K016C0600	10	C	10	0.6	1.58	1.34	.94	500	.577
74	TR3B226K016C0600	22	B	10	0.6	1.39	1.15	.837	2000	.357
74	TR3B226K016C0700	22	B	10	0.7	1.03	.859	.63	2000	.265
74	TR3C226K016C0350	22	C	10	0.35	1.27	1.03	.835	500	.43
74	TR3C226K016C0375	22	C	10	0.375	1.62	1.33	1.07	500	.73
74	TR3B336K016C0350	33	B	10	0.35	1.37	1.12	.859	2000	.383
74	TR3B336K016C0500	33	B	10	0.5	1.16	.968	.71	2000	.414
74	TR3B336K016C0700	33	B	10	0.7	1.03	.859	.63	2000	.265
74	TR3C336K016C0300	33	C	10	0.3	1.30	1.06	.817	500	.443
74	TR3D336K016C0150	33	D	10	0.15	1.72	1.40	1.13	500	.583
74	TR3C476K016C0300	47	C	10	0.3	1.30	1.06	.817	500	.443
74	TR3C476K016C0350	47	C	10	0.35	.89	.747	.468	500	.344
74	TR3C476M016C0350	47	C	20	0.35	.99	.804	.649	500	.337
74	TR3D476K016C0100	47	D	10	0.1	1.86	1.52	1.21	500	.633
74	TR3D476K016C0150	47	D	10	0.15	1.55	1.27	1.01	500	.526
74	TR3D476K016C0200	47	D	10	0.2	1.55	1.27	1.01	500	.526
74	TR3D686K016C0070	68	D	10	0.07	2.58	2.14	1.89	500	1.00
74	TR3D686K016C0150	68	D	10	0.15	1.66	1.33	1.17	500	.613
74	TR3D686M016C0070	68	D	20	0.07	2.58	2.14	1.89	500	1.00
74	TR3D107K016C0100	100	D	10	0.1	2.50	2.04	1.64	500	1.00
74	TR3D107K016C0125	100	D	10	0.125	1.98	1.62	1.30	500	.673
74	TR3D107K016C0150	100	D	10	0.15	1.89	1.54	1.24	500	.641
74	TR3E107K016C0100	100	E	10	0.1	2.95	2.44	2.16	400	1.29
74	TR3E107M016C0100	100	E	20	0.1	2.95	2.44	2.16	400	1.29
74	TR3D157K016C0100	150	D	10	0.1	2.10	1.74	1.53	500	1.20
74	TR3D157K016C0125	150	D	10	0.125	2.32	1.90	1.53	500	.79
74	TR3D157K016C0150	150	D	10	0.15	2.16	1.77	1.42	500	.735
74	TR3E227K016C0100	220	E	10	0.1	3.81	3.16	2.78	400	1.67
74	TR3E227K016C0125	220	E	10	0.125	3.61	2.99	2.64	400	1.58
74	TR3E227K016C0150	220	E	10	0.15	3.28	2.71	2.39	400	1.43
74	TR3E227M016C0100	220	E	20	0.1	3.77	3.16	2.73	400	1.68

### 6.3 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Case Code	Tol. ± %	ESR (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	10	100		
74	TR3A106K6R3C1500	10	A	10	1.5	.99	.838	.517	2000	.237
74	TR3A106M6R3C1500	10	A	20	1.5	.45	.38	.28	2000	.22
74	TR3A336K6R3C0600	33	A	10	0.6	.95	.804	.517	2000	.227
74	TR3A476K6R3C0800	47	A	10	0.8	1.14	.95	.68	2000	.293
74	TR3B476K6R3C0250	47	B	10	0.25	1.41	1.15	.872	2000	.396
74	TR3B686K6R3C0250	68	B	10	0.25	1.55	1.27	.953	2000	.434
74	TR3B686K6R3C0500	68	B	10	0.5	1.28	1.06	.723	2000	.329
74	TR3B107K6R3C0400	100	B	10	0.4	1.31	1.07	.758	2000	.357
74	TR3B107K6R3C0500	100	B	10	0.5	1.28	1.06	.723	2000	.329
74	TR3B107M6R3C1500	100	B	20	1.5	1.17	.975	.655	2000	.301
74	TR3C107K6R3C0150	100	C	10	0.15	1.44	1.18	.901	500	.49
74	TR3C107M6R3C0150	100	C	20	0.15	1.44	1.18	.901	500	.49
74	TR3D337K6R3C0045	330	D	10	0.045	3.16	2.62	2.31	500	1.23
74	TR3D337K6R3C0100	330	D	10	0.1	2.50	2.04	1.64	500	1.00
74	TR3D337K6R3C0125	330	D	10	0.125	2.03	1.63	1.43	500	.75
74	TR3D477M6R3C0150	470	D	20	0.15	2.58	2.14	1.89	500	1.00
74	TR3D477M6R3C0200	470	D	20	0.2	2.35	1.94	1.71	500	.916

### 10 Volt



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Case Code	Tol. ± %	ESR (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	10	100		
74	TR3A475K010C1000	4.7	A	10	1	1.03	.859	.565	2000	.265
74	TR3A106K010C0900	10	A	10	0.9	1.06	.889	.652	2000	.344
74	TR3A106K010C1000	10	A	10	1	1.03	.859	.63	2000	.265
74	TR3A106K010C1800	10	A	10	1.8	.99	.838	.54	2000	.237
74	TR3A106K010C2000	10	A	10	2	.95	.804	.517	2000	.227
74	TR3B106K010C0750	10	B	10	0.75	1.05	.877	.63	2000	.271
74	TR3B106K010C0800	10	B	10	0.8	1.06	.90	.611	2000	.355
74	TR3A126K010C1000	15	A	10	1	1.03	.859	.601	2000	.265
74	TR3A226K010C0800	22	A	10	0.8	1.14	.95	.697	2000	.357
74	TR3A226K010C0900	22	A	10	0.9	1.06	.889	.64	2000	.274
74	TR3A226K010C1000	22	A	10	1	1.03	.859	.601	2000	.265
74	TR3B226K010C0400	22	B	10	0.4	1.14	.95	.697	2000	.357
74	TR3B226K010C0500	22	B	10	0.5	1.31	1.07	.758	2000	.357
74	TR3B226K010C0700	22	B	10	0.7	1.16	.968	.655	2000	.299
74	TR3B476K010C0500	47	B	10	0.5	1.28	1.06	.723	2000	.329
74	TR3B686K010C0600	68	B	10	0.6	1.26	1.12	.669	2000	.41
74	TR3B686K010C0750	68	B	10	0.75	1.28	1.06	.782	2000	.388
74	TR3B686K010C0900	68	B	10	0.9	1.16	.968	.71	2000	.414
74	TR3B107M010C1400	100	B	20	1.4	1.28	1.06	.782	2000	.388
74	TR3C107K010C0100	100	C	10	0.1	1.44	1.18	.901	500	.49
74	TR3C107K010C0150	100	C	10	0.15	1.37	1.12	.905	500	.466
74	TR3C107K010C0200	100	C	10	0.2	1.30	1.06	.817	500	.443
74	TR3C107M010C0100	100	C	20	0.1	1.44	1.18	.901	500	.49
74	TR3D107K010C0050	100	D	10	0.05	2.35	1.94	1.71	500	.93
74	TR3D107K010C0065	100	D	10	0.065	1.94	1.59	1.26	500	.66
74	TR3D107K010C0080	100	D	10	0.08	1.72	1.40	1.13	500	.583
74	TR3D107K010C0100	100	D	10	0.1	1.55	1.27	1.02	500	.528
74	TR3D107M010C0065	100	D	20	0.065	1.94	1.59	1.26	500	.66
74	TR3D157K010C0050	150	D	10	0.05	3.20	2.65	2.34	500	1.24
74	TR3D157K010C0100	150	D	10	0.1	2.16	1.77	1.41	500	.735
74	TR3D157K010C0150	150	D	10	0.15	4.31	3.49	3.01	500	1.46
74	TR3D227K010C0050	220	D	10	0.05	3.69	3.09	2.73	500	1.45
74	TR3D227K010C0100	220	D	10	0.1	2.35	1.94	1.71	500	.916
74	TR3D227K010C0150	220	D	10	0.15	1.41	1.15	.93	500	.616
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