

T491 SERIES - PRECISION MOLDED CHIP (CONT.)

Mfg. Part No.	Cap.	Tol.	ESR	Size Code	Stock No.	Tape Cut 1-9+
50 V						
● T491X106K050AT	10µF	±10%	0.7ohm	X	57K2198	---
● T491D106K050AT	10µF	±10%	0.8ohm	D	57K1949	2.53
● T491X226K050AT	22µF	±10%	0.6ohm	X	94W4780	---
● T491X226M050AT	22µF	±20%	0.6ohm	X	94W4781	---

PIM_7387

T495 SERIES — LOW ESR, SURGE ROBUST

- Designed for very low ESR
- High ripple current capability
- High surge current capability
- 100% accelerated steady-state aging
- 100% Surge Current test
- Meets or Exceeds EIA Standard 535BAAC
- Operating Temperature: -55°C to +125°C
- New Extended Values for Low ESR
- Low Equivalent Series Inductance (2.5nH ESL)
- Precision-molded, laser-marked case
- Taped and reeled per EIA 481-1



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6.3 V						
● T495C476K006ATE250	47µF	±10%	0.25ohm	C	94W4807	---
● T495C107K006ATE075	100µF	±10%	0.075ohm	C	94W4806	0.54
● T495D337K006ATE050	330µF	±10%	0.05ohm	D	94W4814	---
● T495D337K006ATE100	330µF	±10%	0.1ohm	D	40K1022	2.23
● T495D477K006ATE100	470µF	±10%	0.1ohm	D	12N2790	---
● T495D477M006ATE045	470µF	±20%	0.045ohm	D	94W4815	2.54

10 V						
● T495A106K010ATE1K8	10µF	±10%	1.8ohm	A	94W4801	0.35
● T495D686K010ATE150	68µF	±10%	0.15ohm	D	40K1096	---
● T495B686M010ATE900	68µF	±20%	0.9ohm	B	40K0777	---
● T495D107K010ATE100	100µF	±10%	0.1ohm	D	40K0867	1.61
● T495X107K010ATE100	100µF	±10%	0.1ohm	X	40K1175	---
● T495D227K010ATE125	220µF	±10%	0.125ohm	D	40K0968	---
● T495X337K010ATE035	330µF	±10%	0.035ohm	X	94W4820	---
● T495X337K010ATE060	330µF	±10%	0.06ohm	X	40K1306	---
● T495D337K010ATE125	330µF	±10%	0.125ohm	D	40K1025	3.09

16 V						
● T495T106M016ATE4K0	10µF	±20%	4ohm	T	40K1116	---
● T495D336K016ATE150	33µF	±10%	0.15ohm	D	94W4812	---
● T495X107K016ATE080	100µF	±10%	0.08ohm	X	40K1182	---
● T495D107K016ATE125	100µF	±10%	0.125ohm	D	40K0877	---
● T495D107K016ATE100	100µF	±10%	0.1ohm	D	40K0876	---
● T495X107K016ATE100	100µF	±10%	0.1ohm	X	40K1183	---
● T495X157K016ATE100	150µF	±10%	0.1ohm	X	40K1228	2.93

20 V						
● T495B106K020ATE1K0	10µF	±10%	0.001ohm	B	12N2783	0.52
● T495C106K020ATE475	10µF	±10%	0.475ohm	C	94W4805	0.44
● T495X476K020ATE065	47µF	±10%	0.065ohm	X	12N2792	---
● T495D476K020ATE150	47µF	±10%	0.15ohm	D	40K1052	---
● T495D476K020ATE175	47µF	±10%	0.175ohm	D	40K1053	---
● T495D686K020ATE150	68µF	±10%	0.15ohm	D	40K1101	---
● T495X686K020ATE150	68µF	±10%	0.15ohm	X	40K1383	---
● T495E157K020ATE080	150µF	±10%	0.08ohm	E	94W4818	---

25 V						
● T495D336K025ATE090	33µF	±10%	0.09ohm	D	12N2786	2.50
● T495X336K025ATE175	33µF	±10%	0.175ohm	X	40K1279	0.64
● T495D336K025ATE300	33µF	±10%	0.3ohm	D	40K0999	0.67
● T495X476K025ATE080	47µF	±10%	0.08ohm	X	94W4821	---
● T495X476K025ATE150	47µF	±10%	0.15ohm	X	12N2793	---
● T495X476K025ATE100	47µF	±10%	0.1ohm	X	94W4822	---
● T495D476M025ATE120	47µF	±20%	0.12ohm	D	12N2789	---
● T495X686K025ATE125	68µF	±10%	0.125ohm	X	12N2795	3.04
● T495X686K025ATE150	68µF	±10%	0.15ohm	X	94W4823	0.75
● T495X686K025ATE200	68µF	±10%	0.2ohm	X	40K1386	2.26
● T495D686K025ATE200	68µF	±10%	0.2ohm	D	94W4816	---
● T495E107K025ATE100	100µF	±10%	0.1ohm	E	94W4817	10.48

35 V						
● T495B474K035ATE2K2	0.47µF	±10%	2.2ohm	B	94W4804	---
● T495B105K035ATE1K7	1µF	±10%	1.7ohm	B	12N2782	0.34
● T495B225K035ATE1K5	2.2µF	±10%	1.5ohm	B	94W4803	---
● T495D685K035ATE400	6.8µF	±10%	0.4ohm	D	40K1074	---

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T495 SERIES — LOW ESR, SURGE ROBUST (CONT.)

Mfg. Part No.	Cap.	Tol.	ESR	Size Code	Stock No.	Tape Cut 1-9+
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35 V						
● T495D106K035ATE300	10µF	±10%	0.3ohm	D	40K0856	---
● T495D106M035ATE125	10µF	±20%	0.125ohm	D	94W4808	---
● T495D156K035ATE300	15µF	±10%	0.3ohm	D	40K0903	1.88
● T495D226K035ATE125	22µF	±10%	0.125ohm	D	94W4811	---
● T495D226K035ATE250	22µF	±10%	0.25ohm	D	40K0940	---
● T495X226K035ATE275	22µF	±10%	0.275ohm	X	40K1249	---
● T495D226K035ATE200	22µF	±10%	0.2ohm	D	40K0939	---
● T495D226K035ATE300	22µF	±10%	0.3ohm	D	40K0941	1.36
● T495X336K035ATE175	33µF	±10%	0.175ohm	X	40K1284	---
● T495X336K035ATE100	33µF	±10%	0.1ohm	X	94W4819	---
● T495X476K035ATE200	47µF	±10%	0.2ohm	X	40K1338	3.50
● T495X476K035ATE300	47µF	±10%	0.3ohm	X	40K1339	1.90

50 V						
● T495D685K050ATE300	6.8µF	±10%	0.3ohm	D	40K1080	---
● T495X106K050ATE300	10µF	±10%	0.3ohm	X	40K1161	4.73
● T495X156K050ATE300	15µF	±10%	0.3ohm	X	40K1207	---

PIM_69237

T520 SERIES LOW ESR CONDUCTIVE POLYMER CHIP CAPACITORS

Features:

- Polymer Cathode Technology
- Low ESR
- High Frequency Cap Retention
- No-Ignition Failure Mode
- Use Up to 90% of Rated Voltage (10% Derating) for part types = 10 Volts
- 100% Accelerated Steady State Aging
- Use Up to 80% of Rated Voltage (20% Derating) for part types > 10 Volts
- Capacitance 15 to 1000µF (±20%)
- Voltage 2V to 25V
- EIA Standard Case Sizes
- 100% Surge Current Tested
- Operating Temperature -55°C to +105°C
- Self Healing Mechanism



Mfg. Part No.	Cap.	ESR	Size Code	Stock No.	Tape Cut 1-9+
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2.5 V					
● T520B227M2R5ATE015	220µF	0.015ohm	B	94W4842	---
● T520B227M2R5ATE035	220µF	0.035ohm	B	18K7492	---
● T520V337M2R5ATE007	330µF	0.007ohm	V	94W4888	---
● T520V337M2R5ATE009	330µF	0.009ohm	V	94W4889	---
● T520L337M2R5ATE025	330µF	0.025ohm	L	94W4876	0.35
● T520B337M2R5ATE045	330µF	0.045ohm	B	94W4848	---
● T520W337M2R5ATE040	330µF	0.04ohm	W	94W4891	---
● T520D477M2R5ATE007	470µF	0.007ohm	D	94W4873	2.40
● T520V477M2R5ATE009	470µF	0.009ohm	V	94W4890	---
● T520D108M2R5ATE030	1000µF	0.03ohm	D	94W4861	---

4 V					
● T520B107M004ATE035	100µF	0.035ohm	B	94W4838	---
● T520B227M004ATE045	220µF	0.045ohm	B	43K4380	1.00
● T520D337M004ATE007	330µF	0.007ohm	D	94W4867	---
● T520V337M004ATE009	330µF	0.009ohm	V	94W4884	---
● T520D337M004ATE015	330µF	0.015ohm	D	87H4534	---
● T520V337M004ATE025	330µF	0.025ohm	V	94W4886	---
● T520D477M004ATE012	470µF	0.012ohm	D	97H5632	---
● T520D477M004ATE018	470µF	0.018ohm	D	94W4870	---
● T520D477M004ATE010	470µF	0.01ohm	D	32K7139	0.69
● T520D477M004ATE025	470µF	0.025ohm	D	91H6486	---
● T520V687M004ATE015	680µF	0.015ohm	Y	94W4893	---

6 V					
● T520B227M006ATE035	220µF	0.035ohm	B	81R3803	---

6.3 V					
● T520A226M006ATE090	22µF	0.09ohm	A	12N2821	---
● T520A226M006ATE100	22µF	0.1ohm	A	94W4837	---
● T520B336M006ATE025	33µF	0.025ohm	B	94W4844	---
● T520B336M006ATE040	33µF	0.04ohm	B	94W4845	---
● T520T336M006ATE070	33µF	0.07ohm	T	97H5634	0.14
● T520A336M006ATE070	33µF	0.07ohm	A	12N2822	0.43
● T520B476M006ATE025	47µF	0.025ohm	B	94W4849	---
● T520T476M006ATE040	47µF	0.04ohm	T	94W4877	---
● T520B476M006ATE070	47µF	0.07ohm	B	12N2824	0.56
● T520B686M006ATE025	68µF	0.025ohm	B	94W4852	1.34
● T520B686M006ATE040	68µF	0.04ohm	B	94W4853	---

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