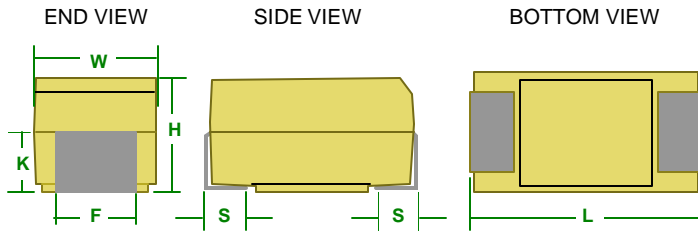


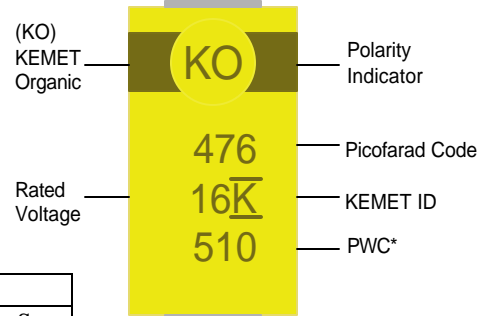
T520 Series - KEMET Organic Conductive Polymer Capacitor

Product Release 8/31/05

Component Outline Drawing



Component Marking



* 510 = 10th week of 2005

Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.3
KEMET	EIA						
A	3216-18	3.2±0.2	1.6±0.2	1.6±0.2	0.7	1.2	0.8
B	3528-20	3.5±0.2	2.8±0.2	1.9±0.1	0.9	2.2	0.8
C	6032-28	6.0±0.3	3.2±0.3	2.5±0.3	1.2	2.2	1.3
W	7343-15	7.3±0.3	4.3±0.3	1.5 max	0.6	2.4	1.3
V	7343-20	7.3±0.3	4.3±0.3	1.9 max	0.9	2.4	1.3
D	7343-31	7.3±0.3	4.3±0.3	2.8±0.3	1.3	2.4	1.3
Y	7343-40	7.3±0.3	4.3±0.3	4.0 max	1.3	2.4	1.3
X	7343-43	7.3±0.3	4.3±0.3	4.0±0.3	2.1	2.4	1.3
T	3528-12	3.5±0.2	2.8±0.2	1.2 max	0.3	2.2	0.8

Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap (µF)	Voltage (V)	DCL V _R (µA)	DF 120Hz (%)	ESR, 100kHz (mΩ)	Ripple Current (Arms) @ 100 kHz	
							delta T=20°C @ -55°C to 85°C	delta T=2°C @ 105°C
T520A476M2R5A*E090	A/3216-18	47	2.5	12	8	90	0.9	0.3
T520A686M2R5A*E070	A/3216-18	68	2.5	17	8	70	1.0	0.3
T520V227M2R5A*E007	V/7343-20	220	2.5	55	10	7	4.2	1.3
T520V337M2R5A*E007	V/7343-20	330	2.5	83	10	7	4.2	1.3
T520D337M2R5A*E007	D/7343-31	330	2.5	83	10	7	4.6	1.5
T520A336M004A*E070	A/3216-18	33	4	13	8	70	1.0	0.3
T520A476M004A*E070	A/3216-18	47	4	19	8	70	1.0	0.3
T520B107M004A*E035	B/3528-20	100	4	40	8	35	1.6	0.5
T520V157M004A*E007	V/7343-20	150	4	60	10	7	4.2	1.3
T520V227M004A*E007	V/7343-20	220	4	88	10	7	4.2	1.3
T520A226M006A*E090	A/3216-18	22	6.3	14	8	90	0.9	0.3
T520A336M006A*E070	A/3216-18	33	6.3	21	8	70	1.0	0.3
T520V107M006A*E007	V/7343-20	100	6.3	63	10	7	4.2	1.3
T520V157M006A*E007	V/7343-20	150	6.3	95	10	7	4.2	1.3

* Insert "T" for 100% tin (Sn) termination, "H" for tin/lead (Sn/Pb) termination