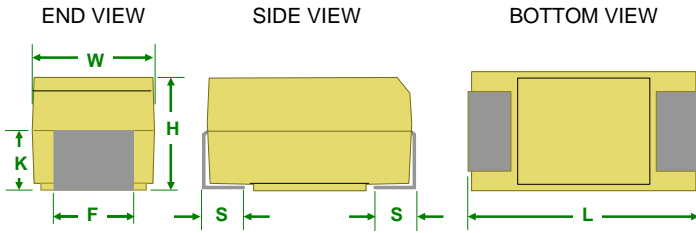
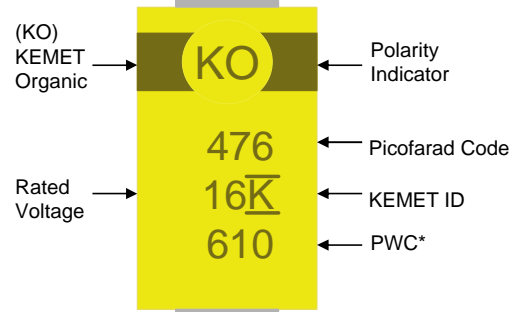


T520 Series - KEMET Organic Conductive Polymer Capacitor
Product Specification – 6-30-06

Component Outline Drawing



Component Marking



* 610 = 10th week of 2006

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	3528-21	3.5±0.2	2.8±0.2	1.9±0.2	0.9	2.2	0.8
T	3528-12	3.5±0.2	2.8±0.2	1.2 max	0.3	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
U	6032-15	6.0±0.3	3.2±0.3	1.5 max	0.5	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	2.0 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

Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap	Voltage	DCL V _R	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
T520U157M2R5A(1)E055	U/6032-15	150 μF	2.5 V	38 μA	8 %	55	1.3	0.4
T520B227M2R5A(1)E025	B/3528-21	220 μF	2.5 V	55 μA	8 %	25	1.8	0.6
T520U227M2R5A(1)E055	U/6032-15	220 μF	2.5 V	55 μA	8 %	55	1.3	0.4
T520D108M2R5A(1)E015	D/7343-31	1000 μF	2.5 V	250 μA	8 %	15	3.2	1.1
T520B157M004A(1)E025	B/3528-21	150 μF	4 V	60 μA	8 %	25	1.8	0.6
T520U157M004A(1)E055	U/6032-15	150 μF	4 V	60 μA	8 %	55	1.3	0.4
T520D687M004A(1)E015	D/7343-31	680 μF	4 V	272 μA	10 %	15	3.2	1.1
T520U107M006A(1)E055	U/6032-15	100 μF	6.3 V	63 μA	8 %	55	1.3	0.4
T520D337M006A(1)E009	D/7343-31	330 μF	6.3 V	208 μA	10 %	9	4.1	1.4
T520D337M006A(1)E015	D/7343-31	330 μF	6.3 V	208 μA	10 %	15	3.2	1.1

(1) To complete KEMET part number, insert lead material designator "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb) termination