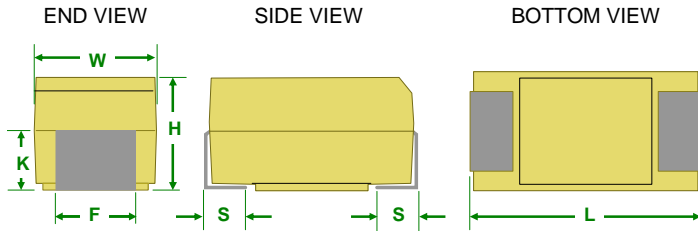
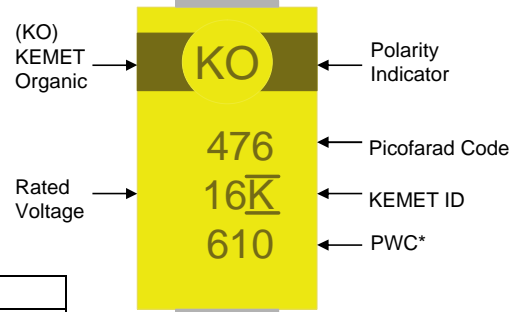


**T520 Series - KEMET Organic Conductive Polymer Capacitor**  
**Product Specification – 10-31-06**

**Component Outline Drawing**



**Component Marking**



\* 610 = 10<sup>th</sup> 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 <sub>R</sub>	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
T520C477M2R5A(1)E025	C/6032-28	470 μF	2.5V	118μA	8 %	25	2.0	0.6
T520C477M2R5A(1)E045	C/6032-28	470μF	2.5V	118μA	8 %	45	1.5	0.5
T520C337M004A(1)E025	C/6032-28	330 μF	4V	132μA	8 %	25	2.0	0.6
T520C337M004A(1)E045	C/6032-28	330 μF	4V	132μA	8 %	45	1.5	0.5
T520C227M006A(1)E025	C/6032-28	220 μF	6.3V	139μA	8 %	25	2.0	0.6
T520C227M006A(1)E045	C/6032-28	220μF	6.3V	139μA	8 %	45	1.5	0.5

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