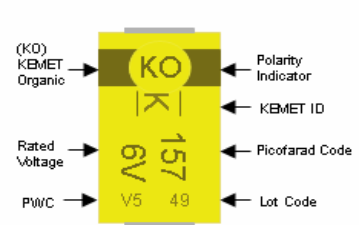
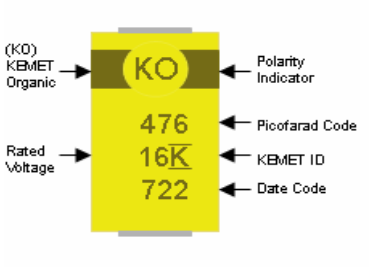
T520 Series - Polymer, Low ESR

Product Specification

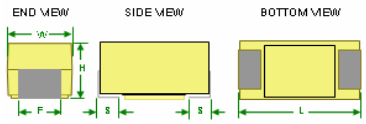


Date Code	
1st Digit = Year	2nd Digit= Month
S=2004	1=January
T=2005	2=February
U=2006	3=March
V=2007	4=April
W=2008	5=May
X=2009	6=June
	7=July
	8=August
	9=September
	O=October
	N=November
	D=December



Date Code	
1st Digit = Year	2nd & 3rd Digit = Week
4=2004	22= 22nd week
5=2005	
6=2006	
7=2007	
8=2008	
9=2009	

Component Dimensions



Case Codes		Component Dimensions (mm)				
		L	W	H	F ± 0.1	S ± 0.3
KEMET	EIA					
A	3216-18	3.2±0.2	1.6±0.2	1.6±0.2	1.2	0.8
B	3528-20	3.5±0.2	2.8±0.2	1.9±0.1	2.2	0.8
T	3528-12	3.5±0.2	2.8±0.2	1.2 max	2.2	0.8
C	6032-28	6.0±0.3	3.2±0.3	2.5±0.3	2.2	1.3
U	6032-15	6.0±0.3	3.2±0.3	1.5 max	2.2	1.3
W	7343-15	7.3±0.3	4.3±0.3	1.5 max	2.4	1.3
V	7343-20	7.3±0.3	4.3±0.3	2.0 max	2.4	1.3
D	7343-31	7.3±0.3	4.3±0.3	2.8±0.3	2.4	1.3
Y	7343-40	7.3±0.3	4.3±0.3	4.0 max	2.4	1.3
X	7343-43	7.3±0.3	4.3±0.3	4.0±0.3	2.4	1.3

KEMET Part Number	Case	Cap (µF)	Voltage	DCL V_R (µA)	DF 120Hz (%)	ESR 100kHz (mΩ)	Ripple Current (Arms) 100KHz	
							ΔT=20°C @ -55°C to	ΔT=2°C @ 105°C
T520C227M004A(2)E018	C/6032-28	220	4	88.0	8	18	2.5	0.8
T520C227M004A(2)E015	C/6032-28	220	4	88.0	8	15	2.7	0.9
T520B686M006A(2)E025	B/3528-21	68	6.3	42.8	8	25	1.8	0.6
T520C227M006A(2)E018	C/6032-28	220	6.3	138.6	8	18	2.5	0.8
T520C227M006A(2)E015	C/6032-28	220	6.3	138.6	8	15	2.7	0.9

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