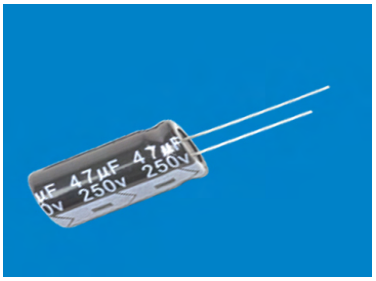
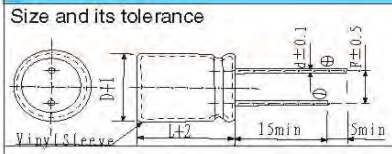
WesTech Component Co., Ltd

CD11T(MT) SERIES

Long Life



- Better stable and reliable perfomance, long life.
- D≥8mm equipped with pressure release device.
- Be used in DC or pulse circuit of colour TV sets, telecommunications and computers.

Item	Characteristics
Size and its tolerance 	
Operating Temp. Range	-40℃～+85℃(≤100VDC) -25℃～+85℃(160-400VDC)
Rated Working Voltage UR	6.3～400VDC
Capacitance Range CR	0.1～4700μF(+20℃,100 or 120Hz)
Capacitance Tol. △C/CR	±20%,$^{+30}_{-10}$%(+20℃,100 or 120Hz)
Dissipation Factor tg δ	At +20℃,100 or 120Hz,for CR>1000μF, tg δ add 0.02 per another 1000μF.
Leakage Current IL	≤0.01·CR·UR or 3μA(UR≤100VDC)whichever is greater ≤0.03·CR·UR + 10μA(UR≥160VDC) At +20℃, measured after 2 minutes application of UR.
Load Life	At+85℃ after UR applied for 2000 hours.
Shelf Life	At 85℃, after shelf for 1000 hours(without voltage applied) ,then restored for 16 hours at room temp.

∅D	5	6	8	10	12	13	16	18
F ± 0.5	2.0	2.5	3.5	5.0			7.5	
d ± 0.1	0.5			0.6			0.8	

UR (V)	10	16	25	35	50	63	100	160	250	400
tgδ	0.22	0.20	0.15	0.12	0.10	0.10	0.10	0.16	0.18	0.20

△C	±20% ($^{+20}_{-30}$% 6.3V) of initial measured value
DF(tg δ)	≤200% of initial specified value
LC(IL)	≤ initial specified value

△C	≤±20% of initial measured value
DF(tg δ)	≤200% of initial specified value
LC(IL)	≤200% of initial specified value

UR(V)CR (μF)	10	16	25	35	50	63	100	160	250	400
0.1～0.68					5×11		5×11			
1.0,1.5					5×11		5×11	6×12	6×12	8×12
2.2					5×11		5×11	6×12	8×12	10×13
3.3					5×11		5×11	8×12	8×12	10×15
4.7			5×11		5×11	5×11	6×11	8×12	10×13	10×17
6.8			5×11		5×11	5×11	6×11	10×13	10×15	10×20
10		5×11	5×11	5×11	5×11	5×11	6×12	10×13	10×15	12×22
15		5×11	5×11	5×11	6×11	6×11	8×12	10×15	10×20	13×26
22	5×11	5×11	5×11	5×11	6×11	6×12	8×12	10×20	12×22	16×27
33	5×11	5×11	5×11	6×11	6×12	8×12	10×13	12×22	13×26	16×31
47	5×11	5×11	6×11	6×12	8×11	8×12	10×17	13×22	16×27	16×36
68	5×11	6×11	6×12	6×12	8×12	10×13	10×20	13×26	16×31	18×41

UR(V)CR (μF)	10	16	25	35	50	63	100	160	250	400
100	6×11	6×12	6×12	8×12	10×13	10×15	12×22	16×27	16×35	
150	6×12	6×12	8×12	10×13	10×17	10×20	13×26	16×35		
220	6×12	8×12	10×13	10×14	10×20	12×22	16×27	18×36		
330	8×12	10×13	10×15	10×17	12×22	13×26	16×31			
470	10×13	10×15	10×17	12×22	13×26	16×27	18×36			
680	10×13	10×17	12×22	13×22	16×27	16×27				
1000	10×17	12×22	13×22	13×26	16×31	16×35				
1500	12×22	13×22	13×26	16×27	18×36					
2200	13×22	13×26	16×27	16×35	18×41					
3300	13×26	16×27	16×35							
4700	16×27	16×31								
6800	16×35									