

HV TX Series

135°C Long Life

High Ripple Current

- 135°C 2,000 to **4,000hours**
- Solvent proof (within 2 minutes)
- AEC-Q200



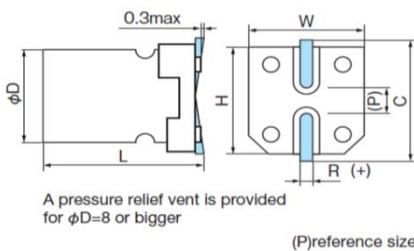
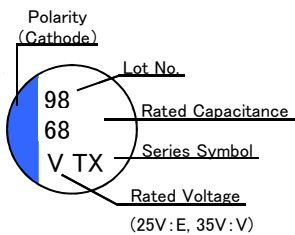
$\phi 6.3 \times 6.0$
 $\phi 6.3 \times 7.7$



Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 to +135	
Capacitance tolerance (%)	120Hz/20°C	M: ± 20	
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μA /after 2 minutes (max)	0.01CV	
Endurance	135°C rated voltage applied (With the rated ripple current)	Test	4,000hours ($\phi 6.3 \times 6.0$ 2,000hours)
		$\Delta C/C$	Within $\pm 30\%$ of the initial value
		tan δ	Less than 200% of the specified value
		ESR	Less than 200% of the specified value
		LC	Less than the specified value

Marking, Dimensions



(Unit: mm)

D ± 0.5	L ± 0.3	W ± 0.2	H ± 0.2	C ± 0.2	R	P
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, ESR, Rated Ripple Current

F	V	25		35	
		Case size	ESR	Case size	ESR
47				6.3 × 6.0	60
56	6.3 × 6.0	50	900		
68				6.3 × 7.7	35
100	6.3 × 7.7	30	1400		
150				8 × 10.5	27
220	8 × 10.5	27	1600		
270				10 × 10.5	20
330	10 × 10.5	20	2000	10 × 12.5	17
470	10 × 12.5	16	2260		

Case size: $\phi D \times L$ (mm)

ESR (m Ω) max at 100kHz, 20°C

Rated ripple current
mA_{rms}(100kHz, 135°C)

Part number

