

Jamicon Series : RV

Teapo Series : MA High Ripple Series

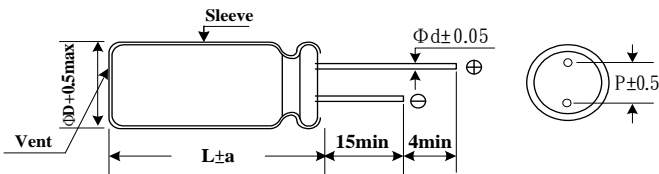
- Endurance: 105°C 2000 hours
- Recommended Applications : AV(TV, Video, Audio); Monitor/Computer; OA/HA/Communication; Converter/Inverter; Energy saving lamp; PFC circuit; SMPS; Ballast; Adapter
- Corresponding product to RoHS



■ SPECIFICATIONS

Item	Characteristics		
Category Temperature Range	-25~+105°C		
Rated Voltage Range	200 ~ 400VDC		
Rated Capacitance Range	2.2 ~ 220 µF		
Capacitance Tolerance	± 20 % (120Hz , 20°C)		
Leakage Current (20°C)	I=0.06CV +10 µ A (After rated voltage applied for 2 minutes) I : Max. leakage current (µ A), C : Nominal capacitance (µ F), V : Rated voltage (V)		
Dissipation Factor(MAX) (tan δ) (120Hz ,20°C)	WV	200	400
	tan δ	0.15	0.24
Low Temperature Stability Impedance Ratio (MAX)	Z (120Hz)	200	400
	Z(-25°C) / Z(20°C)	4	6
Endurance	After applying rated voltage with rated ripple current for 2000hours at 105°C, the capacitors shall meet the following requirements.		
	Capacitance change	Within ± 20% of initial value	
	D.F. (tan δ)	Not more than 200% of specified value	
Shelf Life	Leakage current	Not more than the specified value	
	After leaving capacitors under no load at 105°C for 1000 hours,the capacitors shall meet the same requirement as Endurance.		

■ Dimensions [mm]



ΦD	16	18
P	7.5	7.5
Φd	0.8	0.8
a	2.0	2.0

■ Multiplier for Ripple Current

Freq. (Hz)		60	120	1K	10K	100K
W.V.	200V	0.80	1.00	1.30	1.40	1.60
	400V	0.75	1.00	1.50	1.75	1.85

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■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ D \times L(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ D \times L(mm)	$\tan \delta$	Ripple current (mA/rms105°C) (120Hz)
200V (250)	100	16x25	0.15	400	400V (450)	22	16x25	0.24	170
	120	16x32	0.15	480		33	16x25	0.24	210
		18x25	0.15	470		39	16x32	0.24	260
	150	16x32	0.15	540			18x25	0.24	250
		18x25	0.15	520		47	16x32	0.24	280
	180	16x40	0.15	660		56	16x40	0.24	340
		18x32	0.15	630			18x32	0.24	330
		220	18x36	0.15		730	68	18x36	0.24
	18x40		0.15	770		82	18x40	0.24	440