



THT, Radial E-Cap., Snap-In, Standard Temp-Range, included 500WV products, Life time 2000 hours, ROHS Conform, Packing Box

Items		Performance Characteristics										
Operating temperature range		-40°C +85°C (6,3~315V, -25°C ~ +85°C (350~550V)										
Leakage current max.		$I=3 \sqrt{CV}$ (μA) (after 5 minutes)										
Capacitance tolerance		±20% at 120Hz, 20°C										
Dissipation factor max. (at 120Hz, 20°C)		WV	6,3	10	16	25	35	50	63	80, 100	160~400	450 550
		TanQ	0,60	0,55	0,50	0,40	0,35	0,30	0,25	0,20	0,15	0,20
Load life (after application of the rated voltage for 2000hrs at 85°C)		Leakage Current										
		Less than specified Value										
		Capacitance Change										
		Within ±20% off initial Value										
Shelf life (at 85°C)		TanQ										
		Less than 200% of specified value										
Shelf life (at 85°C)		After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.										

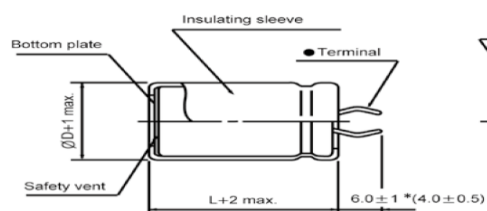
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz	10kHz≤
~ 100		0,85	1,00	1,06	1,15	1,20
160 ~ 250		0,85	1,00	1,20	1,25	1,45
315 ~		0,85	1,00	1,15	1,20	1,40

Technical Details

Range (μF)	6800	ØD(mm)	25,0
Voltage	50	L(mm)	40,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	4,76	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	#NV	α(mm)	0
Lifetime (hrs)	2000	-.-	2,0
Operating- Temperature Range (°C)	-40°C ~ +85°C	-.-	-.-

ØD≤40

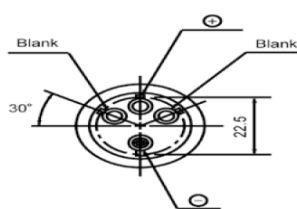
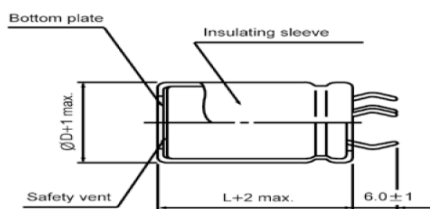


PC Board
Mounting Holes



* Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD=35, 40



PC Board
Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	11.01.2025
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Ordering Informations:

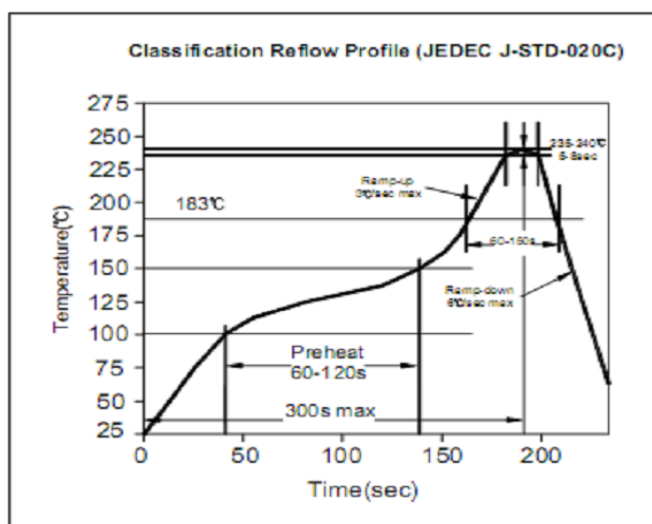
Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14078-5006822540	M	R	BU
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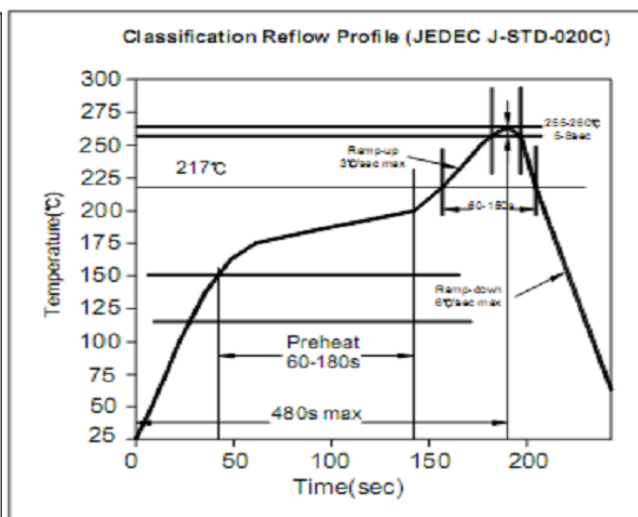
Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS N= NON ROHS	BU= Bulk-Ware (Box)

Soldering Information

Lead Solder Performance



Lead free Solder Performance



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