



THT, Radial E-Cap., Snap-In, Miniature Size, Load Life of 3000 hrs at 105°C, ROHS Conform, Packing Box

Items		Performance Characteristics										
Operating temperature range	-40°C +105°C (6,3~250V, -25°C ~ +105°C (350~500V)											
Leakage current max.	I=3 √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	450~500	
	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 3000hrs at 105°C)	Leakage Current					Less than specified Value						
	Capacitance Change					Within ±20% off initial Value						
	TanQ					Less than 200% of specified value						
Shelf life (at 105°C)	After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.											

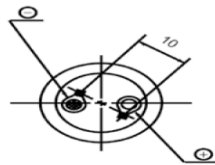
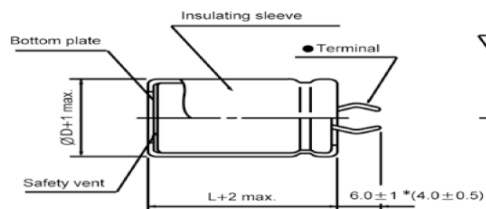
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

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

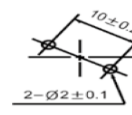
Technical Details

Range (µF)	5600	∅D(mm)	22,0
Voltage	25	L(mm)	30,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	1,98	∅d(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	3000	-.-	2,0
Operating- Temperature Range (°C)	-40°C ~ +105°C	-.-	-.-

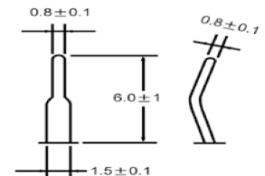
∅D ≤ 40



PC Board Mounting Holes

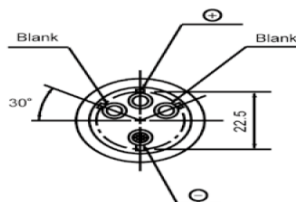
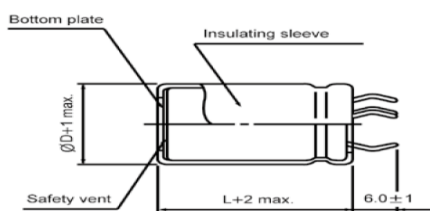


Terminal

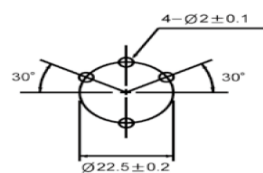


* Shorter terminal(4.0±0.5) is also available upon request.
 Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

∅D = 35, 40



PC Board Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	03.02.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

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THT, Radial E-Cap., Snap-In, Miniature Size, Load Life of 3000 hrs at 105°C, ROHS Conform, Packing Box

Ordering Informations:

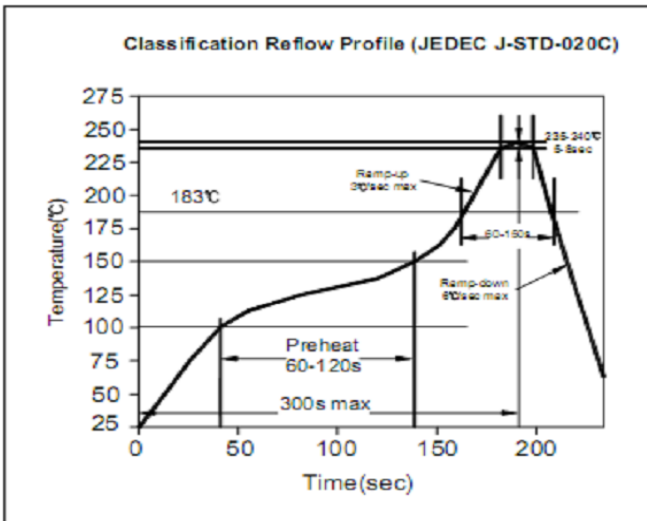
Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14083-2505622230	M	R	BU
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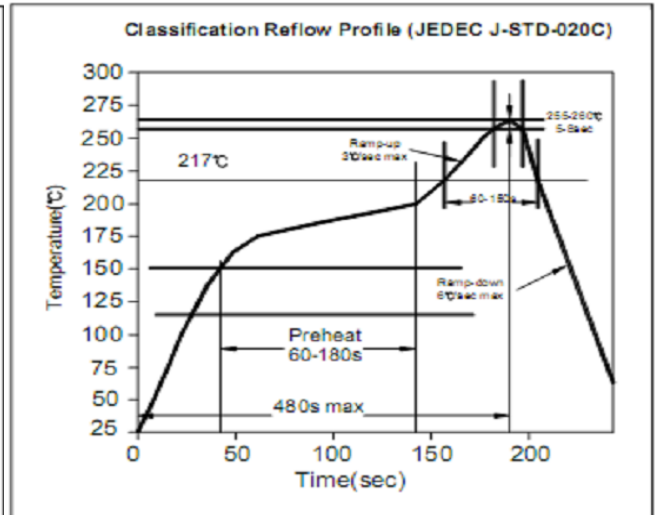
Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS N= NON ROHS	BU= Bulk-Ware (Box)

Soldering Information

Lead Solder Performance



Lead free Solder Performance



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