THT, Radial E-Cap., Snap-In, ,Long Life, Best for switching Power Supplies, Load Life 5000 hours at 105°C, ROHS Conform, Packing Box

Items	Performance Characteristics
Operating temperature range	.-40°C +105°C (10V ~ 250V); -25°C ~ +105°C (350V ~ 450V)
Leakage currrent max.	I = 3√cv µA (after 5 minutes)
Capacitance tolerance	±20% at 120Hz, 20°C

Dissipation factor max. (at 120Hz, 20°C)

WV	10	16	25	35	50	63	80, 100	160~400	450
TanQ	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 5000hrs at 105°C)	Leckage Current	Less than specified Value
	Capacitance Change	Within ±20% off initial Value
	TanQ	Less than 200% of specified value
Shelf life (at 105°C)	Leckage Current	Less than specified Value
	Capacitance Change	Within ±20% off initial Value
	TanQ	Less than 200% of specified value

FREQUENY COEFFICIENT OF PERMISSIBLE RIPPE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz		10kHz≤
10 ~ 100		0,85	1,00	1,06	1,15		1,20
160 ~ 250		0,85	1,00	1,20	1,25		1,45
350 ~ 450		0,85	1,00	1,15	1,20		1,40

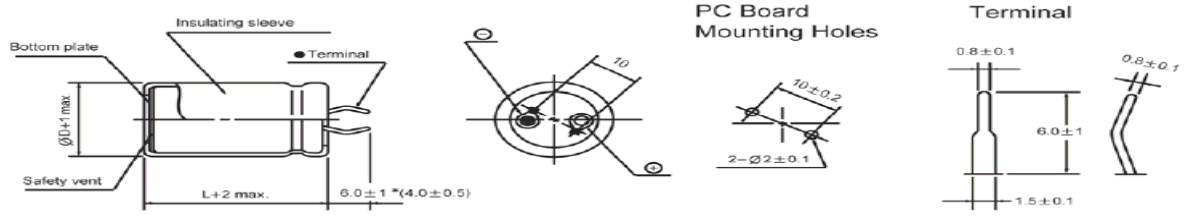
Technical Details

Range (µF)	18000	ØD(mm)	25,0
Voltage	25	L(mm)	50,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	3,1	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	5000	-.-	2,0
Operating- Temperature Range (°C)	.-40°C ~ +105°C	-.-	-.-

DRAWING

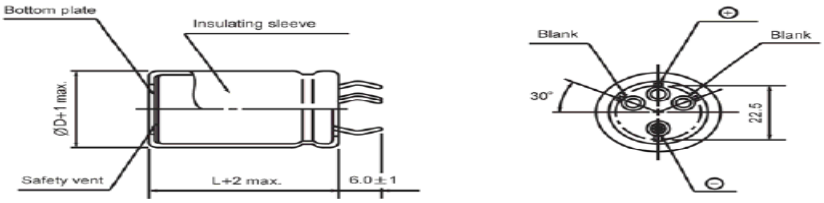
Unit : mm

ØD≤40



* 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



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	28.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

Copyright by S.Tiede

THT, Radial E-Cap., Snap-In, ,Long Life, Best for switching Power Supplies, Load Life 5000 hours at 105°C, ROHS Conform, Packing Box

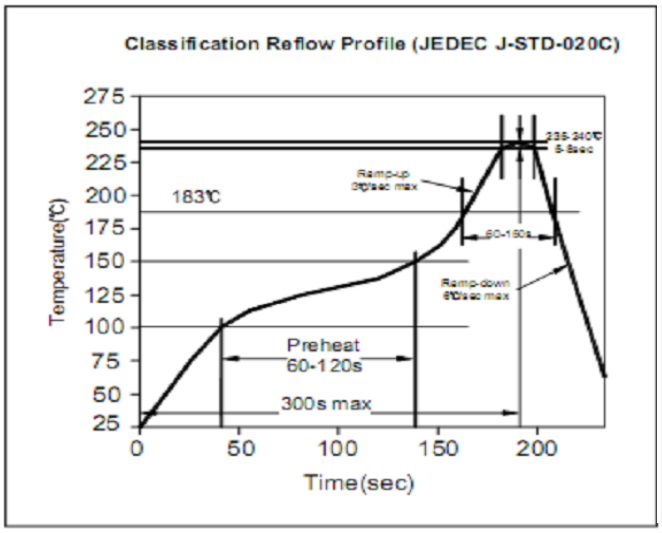
Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
I14124-2501832550	M	R	BU

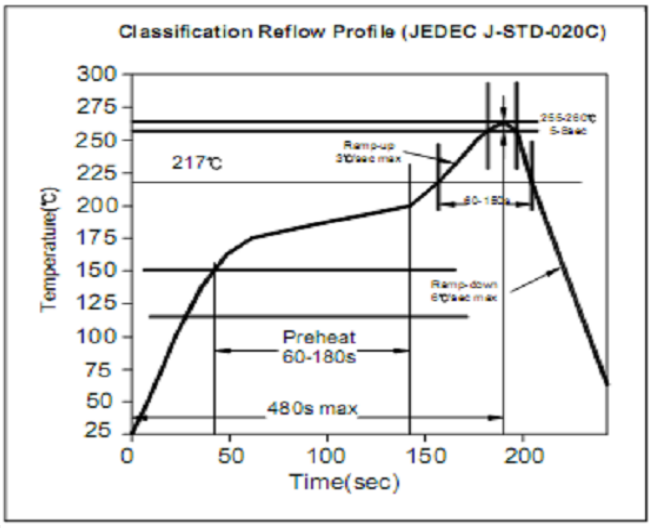
Serie	Voltage (V)	Range µH)	D * L (mm)	Tolerance Order Code	**R**= ROHS	**BU**= Bulk-Ware (Box)
					N= NON ROHS	

Soldering Information

Lead Solder Performance



Lead free Solder Performenace



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	28.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2

Copyright by S.Tiede