



THT, Radial E-Cap., Snap-In, 105°C permissible Overvoltage, Withstanding 2000 hours application of rated ripple current at 105°C, Reduction of short incidence when overvoltage (rated voltage x 1.5) is applied to a capacitor, ROHS Conform, Packing Box

Items		Performance Characteristics									
Operating temperature range		-40°C~+105°C (200V, 250V) -25°C~+105°C (400V,450V)									
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		200	250		400	450				
	TanQ		0,15	0,15		0,15	0,20				
Load life (after application of the rated voltage for 10000hrs 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 (after leaving capacitor under no load at 105°C for 1000hours)	Leakage Current	Less than specified Value									
	Capacitance Change	Within ±15% off initial Value									
	TanQ	Less than 150% of specified value									

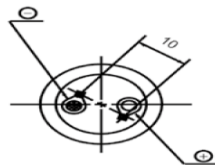
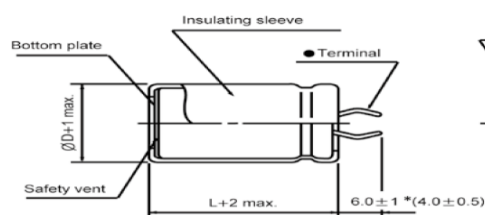
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV / Frequency	50HZ	60Hz	120Hz	300Hz	1kHz	10kHz≤	50kHz≤
200, 250	0,81	0,85	1,00	1,17	1,32	1,45	1,50
400, 450	0,77	0,82	1,00	1,16	1,30	1,41	1,43

Technical Details

Range (μF)	120	∅D(mm)	22,0
Voltage	450	L(mm)	35,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	0,72	∅d(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	2000	-.-	2,0
Operating- Temperature Range (°C)	-25°C ~ +105°C	-.-	-.-

∅D≤40



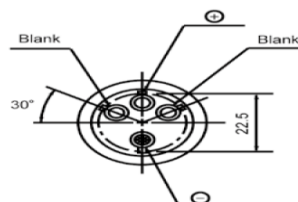
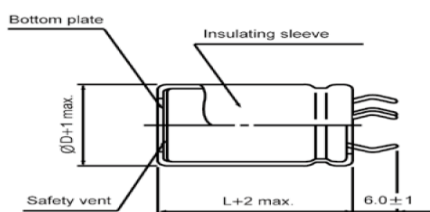
PC Board Mounting Holes

Terminal

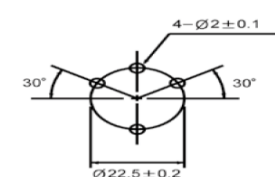


* Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

∅D=35, 40



PC Board Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	15.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

Copyright by S.Tiede



THT, Radial E-Cap., Snap-In, 105°C permissible Overvoltage, Withstanding 2000 hours application of rated ripple current at 105°C, Reduction of short incidence when overvoltage (rated voltage x 1.5) is applied to a capacitor, ROHS Conform, Packing Box

Ordering Informations:

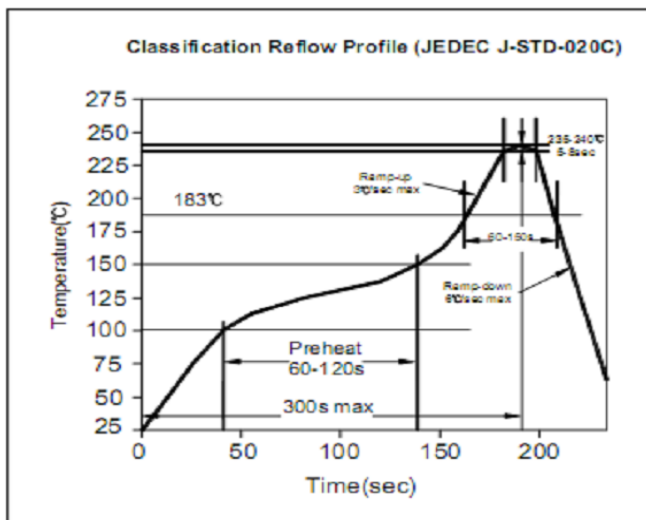
Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
------------------------------------	--------------------	------	---------

I14088-4511212235	M	R	BU
-------------------	---	---	----

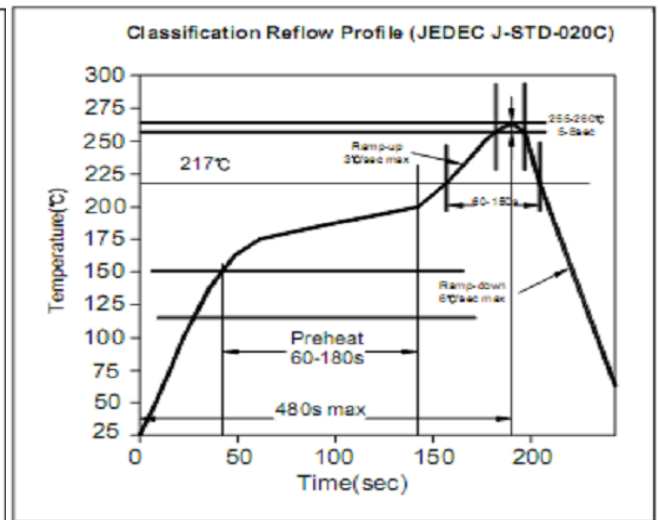
Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS N= NON ROHS	BU= Bulk-Ware (Box)

Soldering Information

Lead Solder Performance



Lead free Solder Performance



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	15.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2