EDCON COMPONENTS
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THT, Radial E-Cap., Snap-In, Wide Temperature Range at 105°C by 2000 hrs (6,3V~550V) , ROHS Conform, Packing Box

Items	Performance Characteristics
Operating temperature range	.-40°C +105°C (6,3~315V, -25°C ~ +105°C (350~550V)
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	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 2000hrs 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): After 1000 hours no load test, leackage current, capacitance and tanQ are same as load life value.

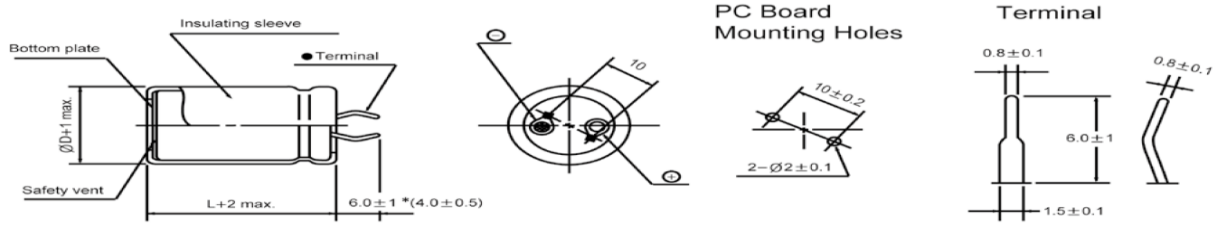
FREQUENY COEFFICIENT OF PERMISSIBLE RIPPE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz		10kHz≤
~ 100		0,85	1,00	1,06	1,15		1,20
1600 ~ 250		0,85	1,00	1,20	1,25		1,45
315 ~		0,85	1,00	1,15	1,20		1,40

Technical Details

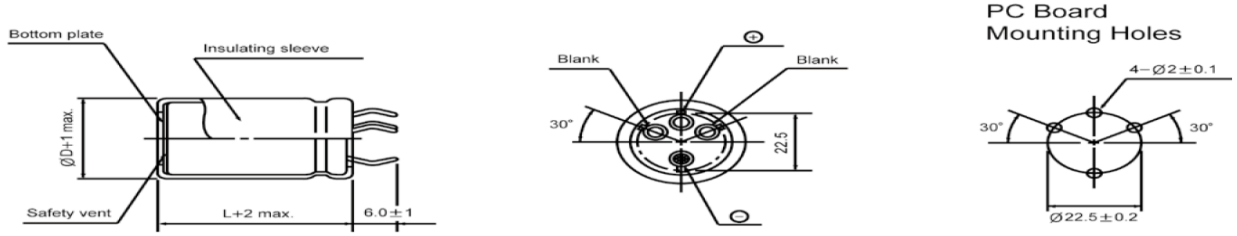
Range (µF)	3900	ØD(mm)	30,0
Voltage	100	L(mm)	45,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	4,02	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	2000	-.-	2,0
Operating- Temperature Range (°C)	.-40°C ~ +105°C	-.-	-.-

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



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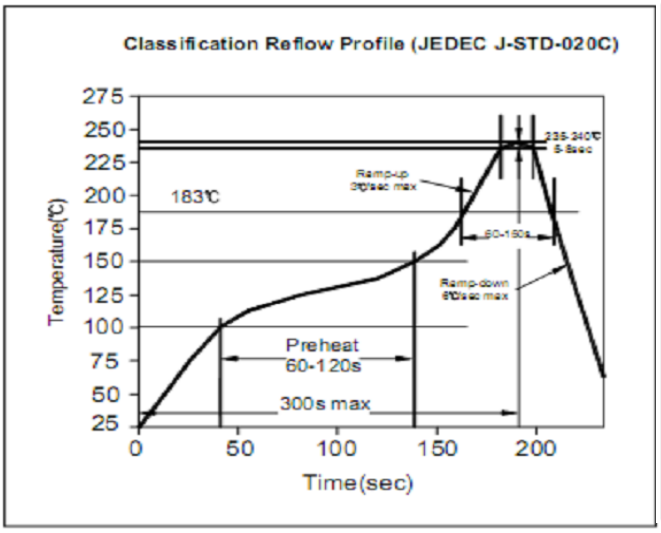
Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
I14082-1013923045	M	R	BU

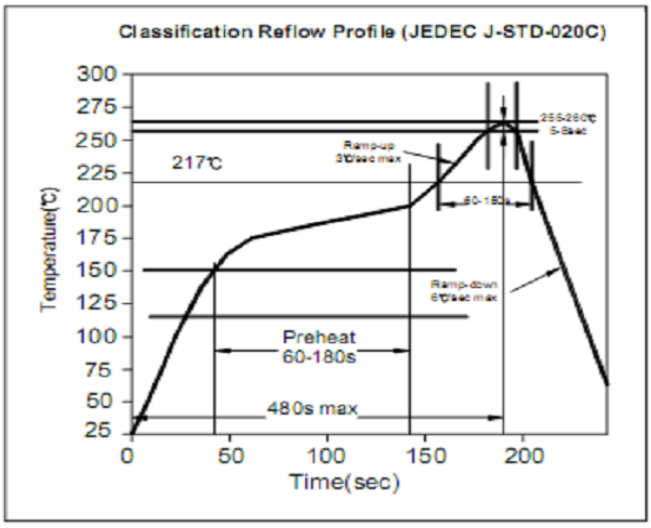
Serie	Voltage (V)	Range µH)	D * L (mm)	Tolerance Order Code	**R**= ROHS	**BU**= Bulk-Ware (Box)
					N= NON ROHS	

Soldering Information

Lead Solder Performance



Lead free Solder Performenace



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