



THT, Radial E-Cap., For PSU, High Temperature, High Reliability withstanding 5000 hours load life at 125°C , Suitable for compact energy saving lamp, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

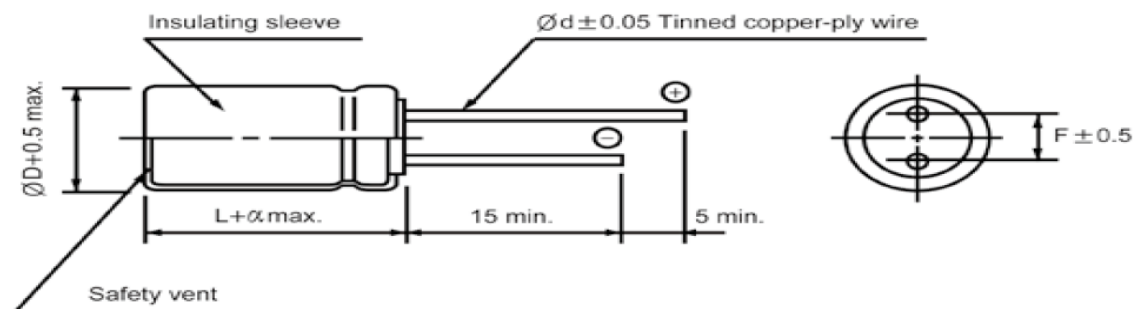
Items			Performance Characteristics														
Operating temperature range			-25°C +125°C														
Leakage current max.																	
			I = 0,03CV + 15µA (CV ≤1000)														
			I = 0,02CV or 25µA(CV > 1000) (after 5 minutes)														
Capacitance tolerance			±20% at 120Hz, 20°C														
Dissipation factor max. (at 120Hz, 20°C)																	
			WV		160	200	250	350	400	450							
			TanQ		0,15	0,15	0,15	0,20	0,24	0,24							
Low temperature characteristics (Impedance ratio at 120Jz)	WV			160	200	250	350	400	450								
	Z-25°C / Z+20°C			3	3	3	6	6	6								
Load life (after application of the rated voltage for 5000hrs at 125°C)			Leakage Current						Less than specified Value								
			Capacitance Change			Within ±20% off initial Value											
			TanQ			Less than 200% of specified value											
			450WV :2000 hours														
Shelf life (at 125°C)			After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.														

FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

	Frequency	60Hz	120Hz	1kHz	10kHz	50kHz	100kHz≤
Coefficient		0,30	0,40	0,70	0,90	0,95	1,00

Technical Details

Range (µF)	4,7	ØD(mm)	10,0
Voltage	450	L(mm)	25,0
Impedance (Ω)	-.-	F(mm)	5,0
Ripple Current (mA)	156	Ød(mm)	0,6
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	2
Lifetime (hrs)	5000	-.-	-.-
Operating- Temperature Range (°C)	-25°C ~ +125°C	-.-	-.-



ØD				10	12,5	16
F				5	5	7,5
Ød				0,6		0,8
α				2,0		

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	23.12.2024
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

Copyright by S.Tiede



THT, Radial E-Cap., For PSU, High Temperature, High Reliability withstanding 5000 hours load life at 125°C , Suitable for compact energy saving lamp, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

Ordering Informations:

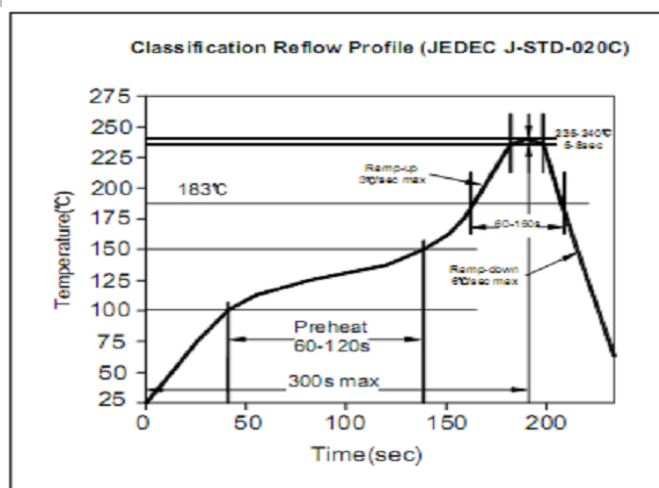
Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
------------------------------------	--------------------	------	---------

114071-4514R71025	M	R	BU
-------------------	---	---	----

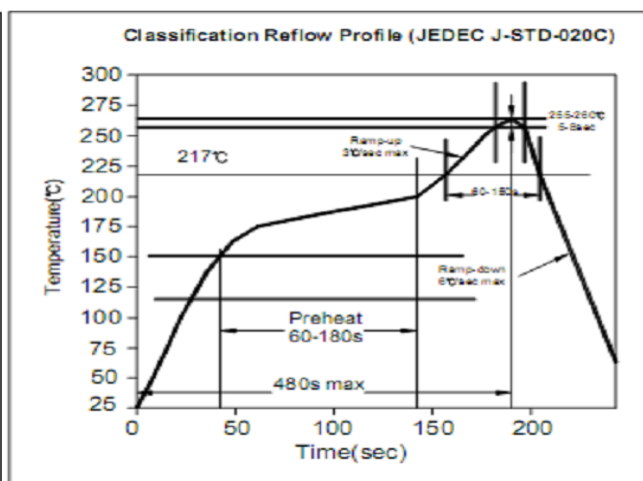
Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS N= NON ROHS	BU= Bulk-Ware Long Lead T/B= Tape/Box L3= Lead-Length 3~3,5mm
-------	-------------	----------------	------------	----------------------	------------------------	---

Soldering Information

Lead Solder Performance



Lead free Solder Performance



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	23.12.2024
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2