



THT, Radial E-Cap., Low Impedance with Height 5mm loadlife to 1000hrs at 105°C, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

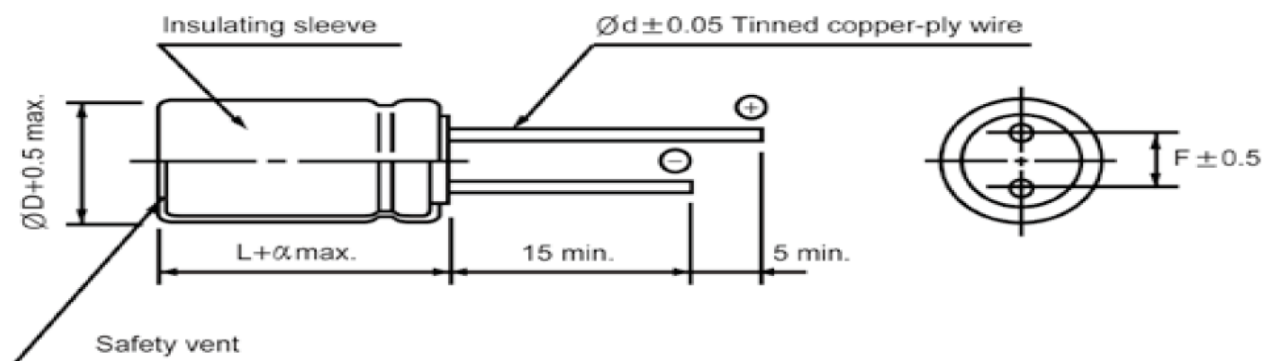
Items			Performance Characteristics											
Operating temperature range			-55°C +105°C											
Leakage current max.														
			I = 0,01CV or 3µA whichever is greater (after 2 minutes)											
Capacitance tolerance			±20% at 120Hz, 20°C											
Dissipation factor max. (at 120Hz, 20°C)														
			WV	6,3	10	16	25	35						
			TanQ	0,22	0,20	0,18	0,14	0,12						
Low temperature characteristics (Impedance ratio at 120Jz)	WV		6,3	10	16	25	35							
	Z-25°C / Z+20°C		3	3	2	2	2							
	Z-40°C / Z+20°C		9	7	5	3	3							
Load life (after application of the rated voltage for 1000hrs at 105°C)			Leakage Current							Less than specified Value				
			Capacitance Change							Within ±20% of 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

µF	Frequency		120Hz	1kHz	10kHz		100kHz≤
~33			0,35	0,55	0,75		1,00
47 ~ 100			0,40	0,60	0,80		1,00

Technical Details

Range (µF)	1	ØD(mm)	5,0
Voltage	35	L(mm)	5,0
Impedance (Ω)	2,4	F(mm)	2,0
Ripple Current (mA)	100	Ød(mm)	0,45
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	1
Lifetime (hrs)	1000	-.-	-.-
Operating- Temperature Range (°C)	-40°C ~ +105°C	-.-	-.-



ØD	5	6,3
F	2,00	2,50
Ød	0,45	0,45
α	1,0	

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	17.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2



THT, Radial E-Cap., Low Impedance with Height 5mm loadlife to 1000hrs at 105°C, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

Ordering Informations:

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

I14108-3501R00505	M	R	BU
-------------------	---	---	----

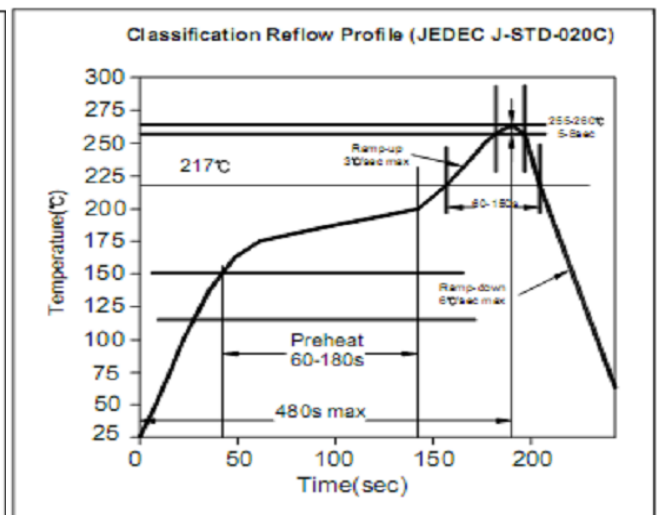
Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS	BU= Bulk-Ware Long Lead
					N= NON ROHS	T/B= Tape/Box
						L3= Lead-Length 3~3,5mm

Soldering Information

Lead Solder Performance



Lead free Solder Performance



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	17.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2