



THT, Radial E-Cap., Load Life for LED Lighting High Reliability, withstanding 20 000 hours load life at 105°C, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

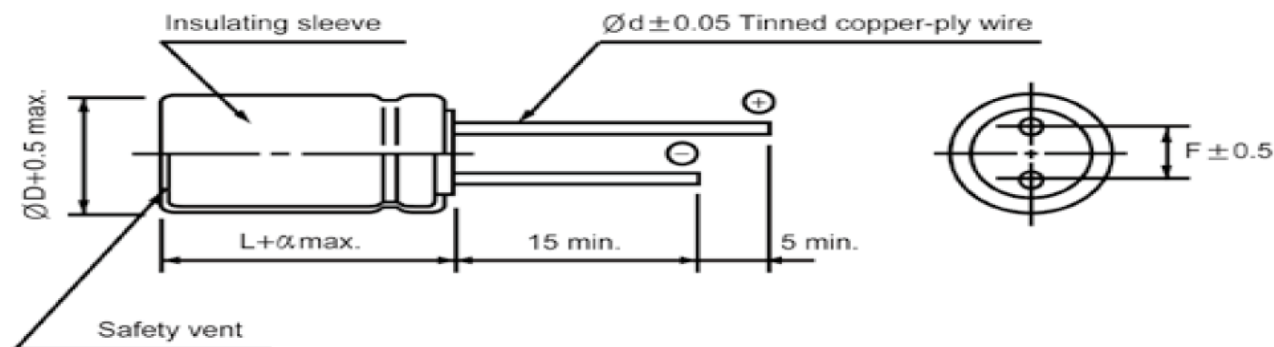
Items		Performance Characteristics									
Operating temperature range		-40°C +105°C									
Leakage current max.		I = 0,03CV + 4µA whichever is greater (after 1 minutes)									
Capacitance tolerance		±20% at 120Hz, 20°C									
Dissipation factor max. (at 120Hz, 20°C)		Capacitance > 1000µF ; tanQ increases by 0,02 for each 1000µF from below value.									
	WV			10	16	25	35				
	TanQ			0,20	0,16	0,14	0,12				
Low temperature characteristics (Impedance ratio at 120Jz)	WV			10	16	25	35				
	Z-25°C / Z+20°C			3	2	2	2				
	Z-40°C / Z+20°C			3	3	3	3				
Load life (after application of the rated voltage for 20000hrs at 105°C)	Leakage Current	Less than specified Value									
	Capacitance Change	Within ±30% off initial Value									
	TanQ	Less than 300% 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	50kHz	100kHz≤	
100~4700		0,75	0,80	0,90	0,90	1,00	

Technical Details

Range (µF)	680	ØD(mm)	13,0
Voltage	16	L(mm)	20,0
Impedance (Ω)	-.-	F(mm)	5,0
Ripple Current (mA)	1008	Ød(mm)	0,6
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	2
Lifetime (hrs)	20000	-.-	-.-
Operating- Temperature Range (°C)	-40°C ~ +105°C	-.-	-.-



ØD				10	12,5	16	18	
F				5,0	5,0	7,5	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



THT, Radial E-Cap., Load Life for LED Lighting High Reliability, withstanding 20 000 hours load life at 105°C, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

Ordering Informations:

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

I14061-1606811320	M	R	BU
-------------------	---	---	----

Serie	Voltage (V)	Range µH)	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