



THT, Radial E-Cap., Snap-In, Wide Temperature, High Ripple current, Load Life 3000hrs, at 105°C (400V ~ 550V), ROHS Conform, Packing Box

Items		Performance Characteristics										
Operating temperature range		-40°C ~ +105°C										
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	400	420	450	500						
		TanQ	0,15	0,20	0,20	0,20						
Load life (after application of the rated voltage for 3000hrs 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 (at 105°C)		After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.										

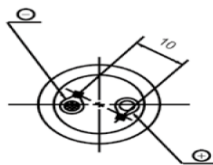
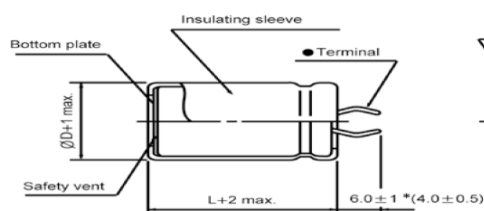
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz	10kHz≤	
400~500		0,85	1,00	1,15	1,20	1,40	

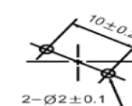
Technical Details

Range (μF)	120	ØD(mm)	22,0
Voltage	420	L(mm)	30,0
Impedance (Ω)	-. -	F(mm)	10,0
Ripple Current (mA)	0,86	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	-. -	α(mm)	0
Lifetime (hrs)	3000		2,0
Operating- Temperature Range (°C)	-.40°C ~ +105°C		-. -

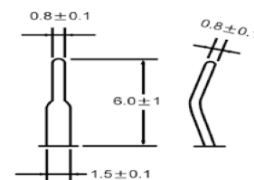
ØD≤40



PC Board
Mounting Holes

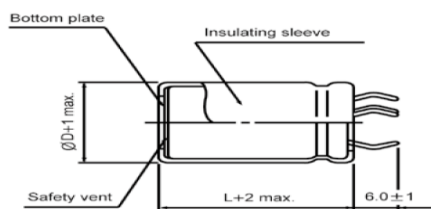


Terminal

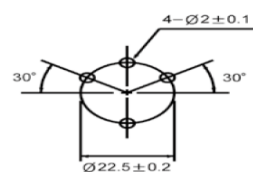


* Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD=35, 40



PC Board
Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	03.02.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

Copyright by S.Tiede



THT, Radial E-Cap., Snap-In, Wide Temperature, High Ripple current, Load Life 3000hrs, at 105°C (400V ~ 550V), ROHS Conform, Packing Box

Ordering Informations:

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

I14084-4211212230	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	03.02.2025
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2