



THT, Radial E-Cap., Snap-In, Standard Temp-Range, included 500WV products, Life time 2000 hours, ROHS Conform, Packing Box

Items		Performance Characteristics										
Operating temperature range		-40°C +85°C (6,3~315V, -25°C ~ +85°C (350~550V)										
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	6,3	10	16	25	35	50	63	80, 100	160~400	450 550
		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 85°C)												
Shelf life (at 85°C)	Leakage Current	Less than specified Value										
	Capacitance Change	Within ±20% off initial Value										
	TanQ	Less than 200% of specified value										
After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.												

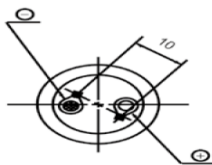
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz		10kHz≤
~ 100		0,85	1,00	1,06	1,15		1,20
160 ~ 250		0,85	1,00	1,20	1,25		1,45
315 ~		0,85	1,00	1,15	1,20		1,40

Technical Details

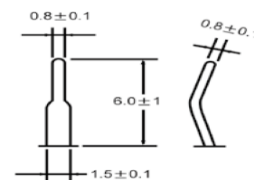
Range (µF)	10000	ØD(mm)	25,0
Voltage	25	L(mm)	30,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	3,89	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	#NV	α(mm)	0
Lifetime (hrs)	2000	-.-	2,0
Operating- Temperature Range (°C)	-40°C ~ +85°C	-.-	-.-

ØD≤40



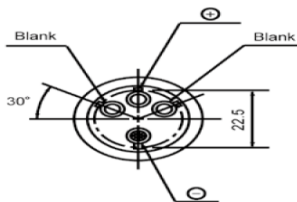
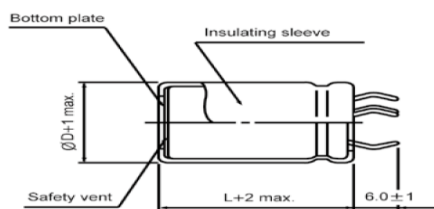
PC Board
Mounting Holes

Terminal

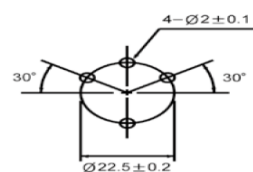


* Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD=35, 40



PC Board
Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	11.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

Copyright by S.Tiede



THT, Radial E-Cap., Snap-In, Standard Temp-Range, included 500WV products, Life time 2000 hours, ROHS Conform, Packing Box

Ordering Informations:

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

I14078-2501032530	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	11.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	2 from 2