



THT, Radial E-Cap., Snap-In, Long Life, Load Life 7000 hours at 105°C, Voltage Range of 160V~500V, Suited for use in industrial power suppliers where high reliability, ROHS Conform, Packing Box

Items		Performance Characteristics									
Operating temperature range		-40°C +105°C (160~250V, -25°C ~ +105°C (350~500V)									
Leakage current max.		$I=3 \sqrt{CV} (\mu A)$ (after 5 minutes)									
Capacitance tolerance		±20% at 120Hz, 20°C									
Dissipation factor max. (at 120Hz, 20°C)	WV	160	200	250	350	400	450	500			
	TanQ	0,15	0,15	0,15	0,15	0,15	0,20	0,20			
Load life (after application of the rated voltage for 7000hrs 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.									

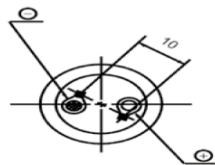
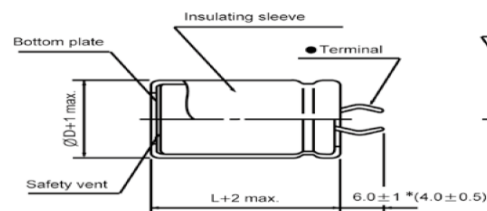
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz		10kHz≤
160 ~ 250		0,85	1,00	1,20	1,25		1,45
350 ~		0,85	1,00	1,15	1,20		1,40

Technical Details

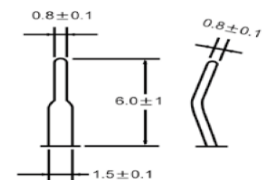
Range (μF)	120	ØD(mm)	30,0
Voltage	500	L(mm)	30,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	0,61	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	7000	-.-	2,0
Operating- Temperature Range (°C)	-25°C ~ +105°C	-.-	-.-

ØD≤40



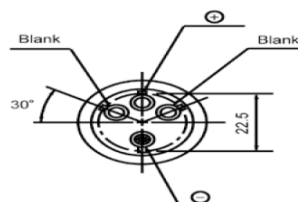
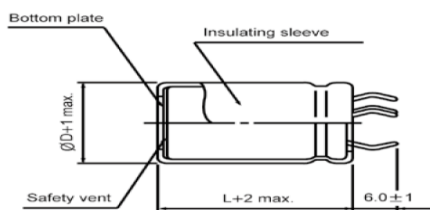
PC Board
Mounting Holes

Terminal

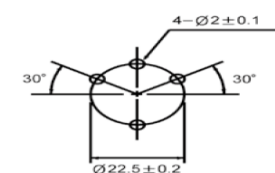


* Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD=35, 40



PC Board
Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	15.01.2025
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Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14086-5011213030	M	R	BU
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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



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