



THT, Radial E-Cap., Snap-In, Ultra High Voltage, High ripple current, Load Life of 3000 hrs at 85°C, Suited for use in industrial power supplies for inverter etc., ROHS Conform, Packing Box

Items		Performance Characteristics									
Operating temperature range		-25°C ~ +85°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		575	600	630						
	TanQ		0,20	0,20	0,20						
Load life (after application of the rated voltage for 3000hrs at 85°C)	Leakage Current						Less than specified Value				
	Capacitance Change						Within ±20% off initial Value				
	TanQ						Less than 200% of specified value				
Shelf life (at 85°C)		After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value.									

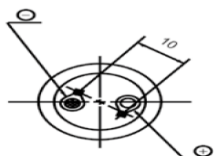
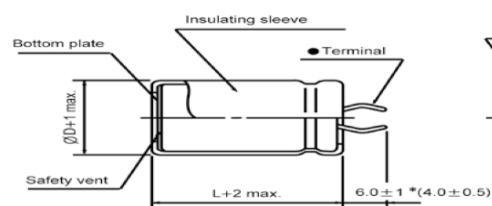
FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV	Frequency	50HZ	120Hz	300Hz	1kHz	10kHz	≥50kHz
575~630		0,80	1,00	1,16	1,30	1,41	1,45

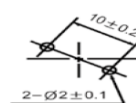
Technical Details

Range (μF)	680	ØD(mm)	40,0
Voltage	600	L(mm)	90,0
Impedance (Ω)	-.-	F(mm)	10,0
Ripple Current (mA)	1,83	Ød(mm)	0
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	0
Lifetime (hrs)	3000	-.-	2,0
Operating- Temperature Range (°C)	-25°C ~ +85°C	-.-	-.-

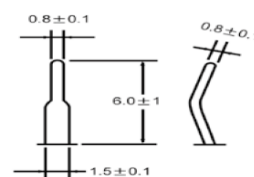
ØD ≤ 40



PC Board Mounting Holes

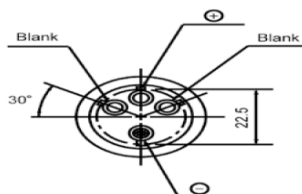
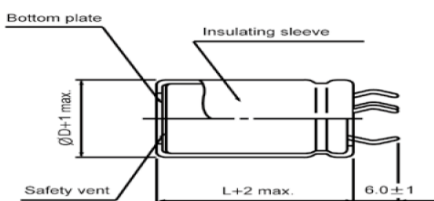


Terminal

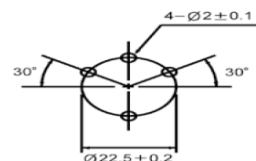


* Shorter terminal (4.0 ± 0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD = 35, 40



PC Board Mounting Holes



DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	07.01.2025
APPD:	Jimmy			FINISH	Josy	Sheet	1 from 2

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Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14080-6016814090	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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