



THT, Radial E-Cap., Low Impedance with Height 5mm loadlife to 1000hrs at 105°C, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

Items			Performance Characteristics									
Operating temperature range		-55°C +105°C										
Leakage current max.												
		I = 0,01CV or 3µA whichever is greater (after 2 minutes)										
Capacitance tolerance		±20% at 120Hz, 20°C										
Dissipation factor max. (at 120Hz, 20°C)												
		WV	6,3	10	16	25	35					
		TanQ	0,22	0,20	0,18	0,14	0,12					
Low temperature characteristics (Impedance ratio at 120Jz)	WV	6,3	10	16	25	35						
	Z-25°C / Z+20°C	3	3	2	2	2						
	Z-40°C / Z+20°C	9	7	5	3	3						
Load life (after application of the rated voltage for 1000hrs at 105°C)		Leakage Current						Less than specified Value				
		Capacitance Change						Within ±20% of 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

µF	Frequency		120Hz	1kHz	10kHz		100kHz≤
~33			0,35	0,55	0,75		1,00
47 ~ 100			0,40	0,60	0,80		1,00

Technical Details

Range (µF)	22	ØD(mm)	5,0
Voltage	16	L(mm)	5,0
Impedance (Ω)	2,4	F(mm)	2,0
Ripple Current (mA)	100	Ød(mm)	0,45
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	1
Lifetime (hrs)	1000	-.-	-.-
Operating- Temperature Range (°C)	-40°C ~ +105°C	-.-	-.-



ØD	5	6,3
F	2,00	2,50
Ød	0,45	0,45
α	1,0	

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	17.01.2025
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Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14108-1602200505	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 Long Lead T/B= Tape/Box L3= Lead-Length 3~3,5mm
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Soldering Information

Lead Solder Performance



Lead free Solder Performance



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