



THT, Radial E-Cap., Non-Polarized serie for crossover networks in Hi-Fi sound systems, Excellent frequency characteristics, close capacitance tolerance, Extended voltage range of 50V, 100V, 200V, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag

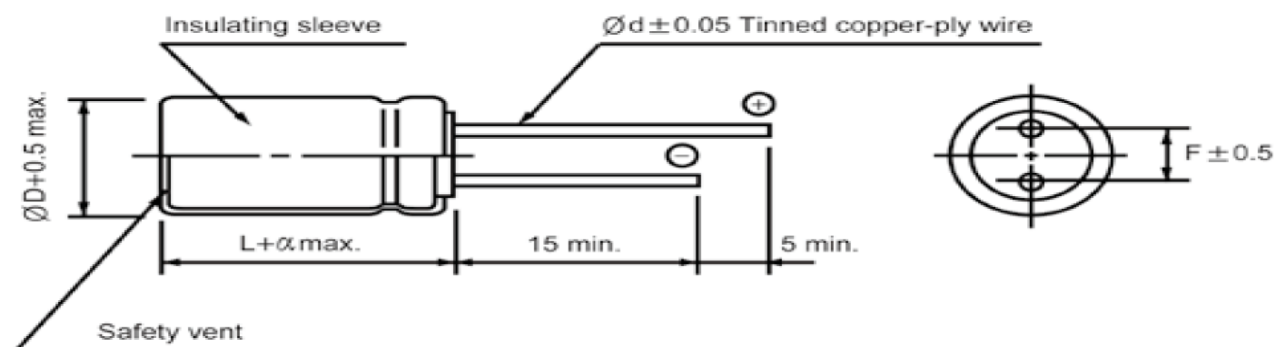
Items		Performance Characteristics									
Operating temperature range		-40°C +85°C									
Leakage current max.											
		I = 0,03CV + 3µA whichever is greater (after 5 minutes)									
Capacitance tolerance		±5%, ±10% at 1KHz, 20°C									
Dissipation factor max. (at 1KHz, 20°C)		Frequency	50WV, 10WV	200WV							
		1KHz	0,10	0,12							
		5KHz	0,15	0,30							
Load life (after application of the rated voltage for 2000hrs at 85°C)		Leakage Current						Less than specified Value			
		Capacitance Change						Within ±15% off initial Value			
		TanQ						Less than 200% of specified value			
		Test method						Polarity reverse each 250 hours			
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		µF	1,0	1,5	2,2	3,3	4,7	6,8	10	15	22	33	47	68	100
50	Dimensions	mm	8x11,5	8x11,5	10x12,5	10x12,5	10x12,5	10x16	10x20	10x20	10x20	12,5x20	12,5x25	16x31,5	16x35,5
	Ripple Current	mA	67	82	114	139	166	222	297	364	440	678	890	950	1170
100	Dimensions	mm	10x16	10x16	10x16	10x16	10x16	10x20	12,5x20	12,5x20	12,5x25	16x25	16x31,5	16x35,5	16x40
	Ripple Current	mA	100	125	150	185	225	275	340	420	543	737	790	983	1253
200	Dimensions	mm	-	-	-	-	-	-	16x25	16x31,5	16x35,5	16x40	16x40	22x40	25x40
	Ripple Current	mA	-	-	-	-	-	-	403	540	687	884	920	1218	1614

Technical Details

Range (µF)	1,5	ØD(mm)	8,0
Voltage	50	L(mm)	11,5
Impedance (Ω)	-.-	F(mm)	3,5
Ripple Current (mA)	82	Ød(mm)	0,5
ESR (Ω) max.at 20°C 10KHz	-.-	α(mm)	1,5
Lifetime (hrs)	2000	-.-	-.-
Operating- Temperature Range (°C)	-40°C ~ +85°C	-.-	-.-



ØD	8	10	12,5	16	18	22	25
F	3,5	5	5	7,5	7,5	10	12,5
Ød	0,5	0,6		0,8		1,0	
α	1.5	2.0					

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	04.01.2025
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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114119-5001R50812	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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