



EDCON[®]
COMPONENTS
A MEMBER OF EDCON-GROUP

Items		Performance Characteristics									
Operating temperature range	-40°C +105°C										
Leakage current max.											
	I = 0,03CV + 3µA whichever is greater (after 5 minutes)										
Capacitance tolerance	±5%, ±10% at 1KHz, 20°C										
Rated working voltage	50VDC, 100VDC										
Dissipation factor max. (at 120Hz, 20°C)											
	TanQ	≤0,10									
Load life (after application of the rated voltage for 1000hrs at 85°C)	Leckage Current							Less than specified Value			
	Capacitance Change							Within ±20% off initial Value			
	TanQ							Less than 150% of specified value			
	Test Method							Polarity reverse each 2500hours			
Shelf life (at 85°C) (after leaving capacitor under no load at 105°C for 500hours).	Leckage Current							Less than 200% of specified Value			
	Capacitance Change							Within ±20% off initial Value			
	TanQ							Less than 150% of specified value			
Technical Details											

Range (μF)	8,2		∅D(mm)	10,0
Voltage	50		L(mm)	20,0
Impedance (Ω)	.-		F(mm)	0,0
Ripple Current (mA)	140		∅d(mm)	0,6
ESR (Ω) max.at 20°C 10KHz	.-		α(mm)	0
Lifetime (hrs)	1000		.-	.-
Operating- Temperature Range (°C)	.-40°C ~ +85°C		.-	.-

Technical drawing of a cable joint. The drawing shows a cross-section of a cable with an insulating sleeve. The sleeve has a diameter of $\varnothing D + 0.5 \text{ max.}$ and a length of $L + 2.0 \text{ max.}$. The sleeve is made of tinned copper-ply wire with a diameter of $\varnothing d \pm 0.05$. The sleeve is shown with a central dashed line and two vertical lines on each side. The sleeve is shown with a length of 25 min. on the right side.

ØD	10	13	16	18
Ød	0,6	0,8	0,8	0,8

DRW:	Lexua	CHKD	Wilson	MATL:	ChuChu	DATE	28.01.2025
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THT, Axialer E-Cap., For Speaker Networks, Load life 1000 hours at 85°C Bi-polar suitable for audio crossover Network, ROHS Conform, Packing Box

Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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I14133-5008R21020	M	R	BU
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Serie	Voltage (V)	Range μ H)	D * L (mm)	Tolerance Order Code	R= ROHS	BU= Bulk-Ware Long Lead
					N= NON ROHS	T/B= Tape/Box
						L3= Lead-Length 3~3,5mm

Soldering Information

Lead Solder Performance



Lead free Solder Performance



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