



#NV

Items			Performance Characteristics									
Operating temperature range		-40°C +85°C										
Rated Voltage Range: (V)		6,3 ~ 160V										
Nominal Capacitance Range:(μ)		0,47μF ~ 10000μF										
Leakage current max.		CV≤1000: I≤0,05CV or 5 whichever is greater; CV>1000; I≤0,03CV +20; C: Nominal capacitance (μF) V; Ratd Voltage (V)										
Capacitance tolerance		±20% at 120Hz, 20°C										
Dissipation factor max. (at 120Hz, 20°C)		WV		6,3	10	16	25	35	50	63	100	160
		TanQ		0,3~0,5	0,3~0,5	0,2~0,4	0,15~0,4	0,15~0,3	0,15~0,3	0,1~0,3	0,1~0,2	0,1~0,2
Low temperature characteristics (Impedance ratio at 120Jz)				6,3	6,3~16	25~63	100~160					
	Z-25°C / Z+20°C			-	-	-	4					
	Z-40°C / Z+20°C			7	5	4	-					
Load life (after application of the rated voltage for 2000hrs at 85°C)		Leckage Current						Less than specified Value				
		Capacitance Change						Within ±20% off initial Value				
		Dissipation Faktor						Not more than 200% of the specified value				
		TanQ			Less than 150% 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.										
After Test: Rated voltage to be applied for 30minutes, 24 to 48 hours before measurement												

Technical Details

Range (μF)	#NV	ØD(mm)	#NV
Voltage (V)	#NV	L(mm)	#NV
Impedance (Ω)	#NV	F(mm)	#NV
Ripple Current (mA)	#NV	Ød(mm)	#NV
ESR (Ω) max.at 20°C 10KHz	#NV	α(mm)	#NV
Lifetime (hrs)	#NV	-.-	#NV
Operating- Temperature Range (°C)	#NV	-.-	#NV



Lead Spacing and Diameter						
D	±0,5			±1,0		
	5	6	8	10	12	16,19,22
D±0,1	0,5 or 0,6			0,6 or 0,8		0,8 or 1,0
a	±2,0 (L≤45); ±3,0(L>45)					

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#NV

Ordering Informations:

Serie-No. / Voltage / Range / Size	Capacity Tolerance	ROHS	Packing
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114135-5002222240	#NV	#NV	#NV
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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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