Axial lead, self healing metallized polypropylene

# C-UD001-630

### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.001 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 176.839 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

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Capacitance Change:  $\leq$ 3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

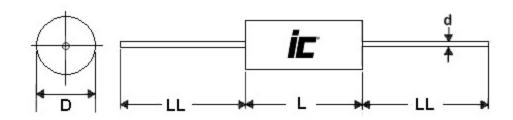
### PHYSICAL DIMENSIONS

Diameter (D): 6.5 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.6 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD0022-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.0033 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 53.588 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

**Terminal to Terminal Dielectric strength:** 1.6 times the rated DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

### PHYSICAL DIMENSIONS

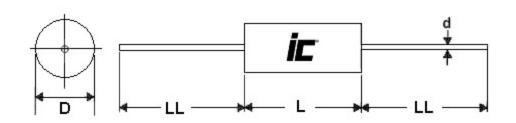
Diameter (D): 6.5 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.6 mm, +/-0.05 mm

Lead Length (LL): 35mm, +/- MIN mm



Axial lead, self healing metallized polypropylene

# C-UD0033-630

#### ELECTRICAL SPECIFICATIONS

Capacitance: 0.0033 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 53.588 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case):  $\ensuremath{\mathsf{N}}/\ensuremath{\mathsf{A}}$  Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

#### PHYSICAL DIMENSIONS

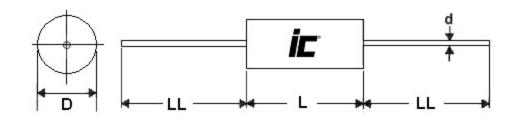
Diameter (D): 6.5 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.6 mm, +/-0.05 mm

Lead Length (LL): 35mm, +/- MIN mm



Axial lead, self healing metallized polypropylene

# C-UD0047-630

### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.0047 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 37.625 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

Capacitance Change. 55% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

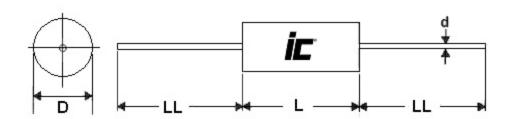
### PHYSICAL DIMENSIONS

Diameter (D): 6 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.6 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD01-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.01 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C.

Ripple Current: 0 at 0 and 0

ESR: 17.684 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

**Terminal to Terminal Dielectric strength:** 1.6 times the rated DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

Capacitance Change. 55% of findany measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

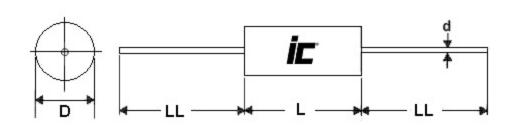
MINIMUM after 0 Volts DC is applied for 0 seconds at 0

#### PHYSICAL DIMENSIONS

Diameter (D): 6.5 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm Lead Diameter (d): 0.6 mm, +/-0.05 mm Lead Length (LL): 35mm, +/- MIN mm



Axial lead, self healing metallized polypropylene

# C-UD022-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.022 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 8.038 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 22 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

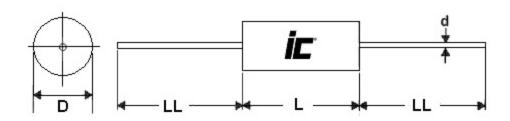
#### PHYSICAL DIMENSIONS

Diameter (D): 8.5 mm, MAX mm Length (L): 14.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.8 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD033-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.033 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 5.359 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 16 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds  $\,$ 

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

### PHYSICAL DIMENSIONS

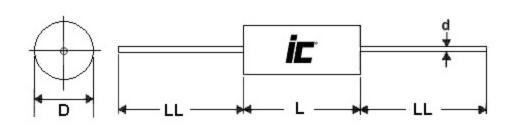
Diameter (D): 8.5 mm, MAX mm Length (L): 20.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.8 mm, +/-0.05 mm

Lead Length (LL): 35mm, +/- MIN mm



Axial lead, self healing metallized polypropylene

# C-UD047-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.047 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 3.763 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 16 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

capacitance change, 2000 of initially incapacita value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

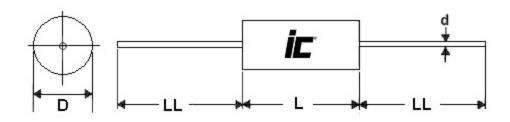
#### PHYSICAL DIMENSIONS

Diameter (D): 9 mm, MAX mm Length (L): 20.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.8 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD1-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.1 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C.

Ripple Current: 0 at 0 and 0

ESR: 1.768 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 12 V/µs

**Terminal to Terminal Dielectric strength:** 1.6 times the rated DC voltage when applied between the terminals for 2 seconds

be voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D. S. Sharana (1959) of manifestation of the land

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied between the terminals and case for 2~5 seconds

between the terminals and case for 2~5 seconds

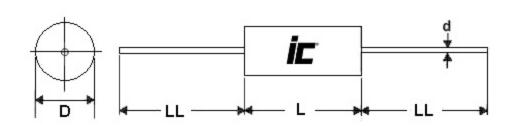
Insulation resistance (Terminal to Case): N/A Megohms
MINIMUM after 0 Volts DC is applied for 0 seconds at 0

### PHYSICAL DIMENSIONS

Diameter (D): 10.5 mm, MAX mm Length (L): 29 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm
Lead Diameter (d): 0.8 mm, +/-0.05 mm
Lead Length (LL): 35mm, +/- MIN mm



Axial lead, self healing metallized polypropylene

# C-UD22-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.22 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 0.804 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 7 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

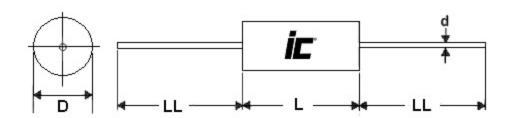
MINIMUM after 0 Volts DC is applied for 0 seconds at 0

### PHYSICAL DIMENSIONS

Diameter (D): 12.5 mm, MAX mm Length (L): 34 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm Lead Diameter (d): 0.8 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD033-630

### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.033 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C

Ripple Current: 0 at 0 and 0

ESR: 5.359 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 16 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds  $\,$ 

Insulation Resistance (Terminal to Terminal): 30000 Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D. S. Clarice Change. 25% of find any measured value

D.F. Change: ≤125% of maximum specified value I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC SVDC: N/A Volts DC VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

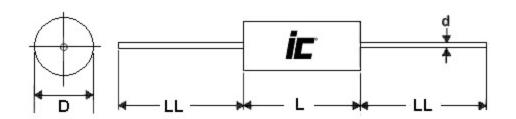
Insulation resistance (Terminal to Case): N/A Megohms MINIMUM after 0 Volts DC is applied for 0 seconds at 0

### PHYSICAL DIMENSIONS

Diameter (D): 8.5 mm, MAX mm Length (L): 20.5 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm Lead Diameter (d): 0.8 mm, +/-0.05 mm



### **FFATURES**

Axial lead, self healing metallized polypropylene

# C-UD47-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.47 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C.

Ripple Current: 0 at 0 and 0

ESR: 0.376 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 7 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 10000

MegohmxMicrofarads MINIMUM after 0 Volts DC is applied for 0

seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 %, +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

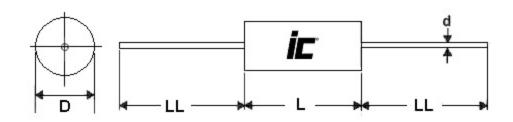
#### PHYSICAL DIMENSIONS

Diameter (D): 18 mm, MAX mm Length (L): 34 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.8 mm, +/-0.05 mm



Axial lead, self healing metallized polypropylene

# C-UD68-630

#### **ELECTRICAL SPECIFICATIONS**

Capacitance: 0.68 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/

°C.

Ripple Current: 0 at 0 and 0

ESR: 0.26 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body

length and lead length

dvdt: 7 V/µs

Terminal to Terminal Dielectric strength: 1.6 times the rated

DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 10000

MegohmxMicrofarads MINIMUM after 0 Volts DC is applied for 0

seconds at 0

Reliability: 3 failures/billion component hours 3 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: ≤3% of initially measured value

D.F. Change: ≤125% of maximum specified value

D.F. Change: \$125% of maximum specified value

I.R. Change: >50% of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +105°C

Above 85°C the rated (DC/AC) voltage must be derated at per

1.25%°C

WVDC: 630 Volts DC

SVDC: N/A Volts DC

VAC: 250 Volts AC

Terminal to case Dielectric strength: 2 VAC when applied

between the terminals and case for 2~5 seconds

Insulation resistance (Terminal to Case): N/A Megohms

MINIMUM after 0 Volts DC is applied for 0 seconds at 0

#### PHYSICAL DIMENSIONS

Diameter (D): 22 mm, MAX mm Length (L): 34 mm, MAX mm

Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 1 mm, +/-0.05 mm

