Polyester Film Capacitor

Elecsound

CL20 Metallized Polyester Film Capacitor

Structure:

CL20 are non-inductively wound with metallized polyester film as dielectric/electrode with copper-clad steel leads, wrapped with polyester adhesive tape and ends filled with epoxy resin.

Features:

- Small size, Light weight
- Wide capacitance range
- Excellent self-healing property
- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter, noise suppression and low pulse circuits

Technical Specifications:

- Reference Standard: GB7332 (IEC60384-2)
- Climatic Category: 40/85/21
- Rated Voltage: 100V, 250V, 400V, 630V
- Capacitance Range: 0.01 ~ 10.0μF
- Capacitance Tolerance: ±5% (J) ; ±10% (K)
- Voltage Proof: 1.6UR (2S)
- Dissipation Factor: ≤0.01 (20℃, 1 KHz)
- Insulation Resistance:

  Ur > 100V ≥7500MΩ, Cr ≤ 0.33μF (20℃, 1 min)
  ≥2500S , Cr >0.33μF (20℃, 1 min)

  Ur ≦ 100V ≥3750MΩ, Cr ≤ 0.33μF (20℃, 1 min)
  ≥1250S , Cr >0.33μF (20℃, 1 min)

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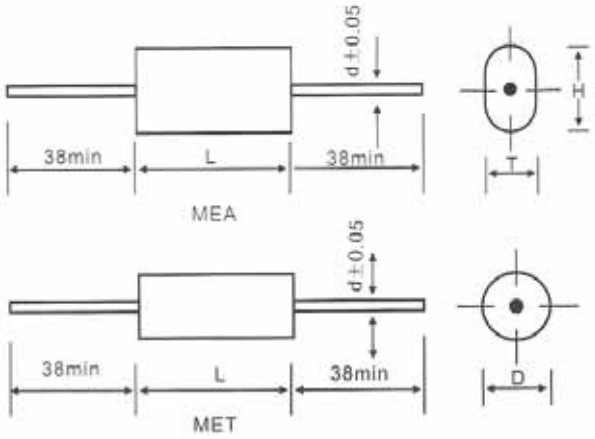

外形图 Outline Drawing

Dimensions: (mm)

μF	100VDC					μF	100VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	7.5	3.0	6.0	0.6	0.56	15.0	13.0	6.5	10.5	0.6
0.015	15.0	7.5	3.0	6.0	0.6	0.68	20.0	11.5	5.0	9.0	0.6
0.022	15.0	7.5	3.0	6.0	0.6	0.82	20.0	12.0	5.5	9.5	0.6
0.033	15.0	8.0	3.0	6.0	0.6	1.0	20.0	12.5	6.5	10.5	0.8
0.039	15.0	8.0	3.0	6.0	0.6	1.2	20.0	13.5	7.0	11.0	0.8
0.047	15.0	8.0	3.5	6.5	0.6	1.5	20.0	14.0	8.0	12.0	0.8
0.056	15.0	8.0	3.5	6.5	0.6	1.8	20.0	15.0	8.5	12.5	0.8
0.068	15.0	8.5	3.5	6.5	0.6	2.2	25.0	15.0	7.5	12.5	0.8
0.082	15.0	8.5	3.5	6.5	0.6	2.7	25.0	16.0	8.5	13.5	0.8
0.1	15.0	8.5	4.0	7.0	0.6	3.3	32.0	15.5	8.0	13.0	0.8
0.12	15.0	8.5	4.0	7.0	0.6	3.9	32.0	16.5	8.5	13.5	0.8
0.15	15.0	9.0	4.5	7.5	0.6	4.7	32.0	18.5	9.0	15.0	0.8
0.18	15.0	9.5	4.5	7.5	0.6	5.6	32.0	19.5	10.0	16.0	0.8
0.22	15.0	11.0	4.5	8.5	0.6	6.8	32.0	20.5	11.0	17.0	1.0
0.27	15.0	11.5	5.0	9.0	0.6	10	32.0	23.5	14.0	20.0	1.0
0.33	15.0	11.5	5.0	9.0	0.6		x	x	x	x	x
0.39	15.0	12.0	5.5	9.5	0.6		x	x	x	x	x
0.47	15.0	12.0	6.0	10.0	0.6		x	x	x	x	x

Main Products: Trimming potentiometers, Leds, pcbs, capacitors, resistors, varistors
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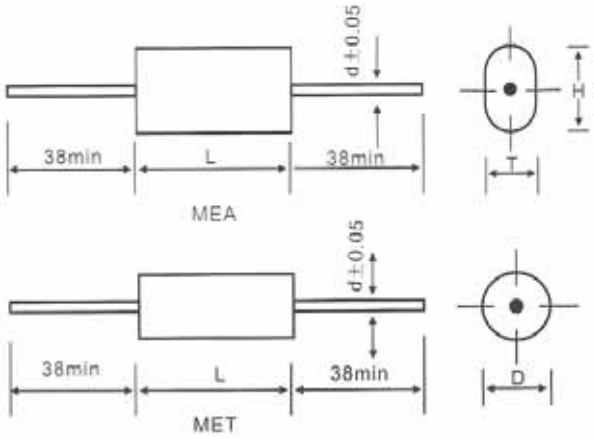

外形图 Outline Drawing

Dimensions: (mm)

μF	250VDC					μF	250VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	7.5	3.0	6.0	0.6	0.56	20.0	12.0	5.5	9.5	0.8
0.015	15.0	7.5	3.0	6.0	0.6	0.68	20.0	12.5	6.0	10.0	0.8
0.022	15.0	7.5	3.0	6.0	0.6	0.82	20.0	13.0	6.5	10.5	0.8
0.033	15.0	8.0	3.0	6.0	0.6	1.0	25.0	12.5	6.0	10.0	0.8
0.039	15.0	8.0	3.0	6.0	0.6	1.2	25.0	13.0	6.5	10.5	0.8
0.047	15.0	8.0	3.5	6.5	0.6	1.5	25.0	14.0	7.0	12.0	0.8
0.056	15.0	8.0	3.5	6.5	0.6	1.8	25.0	15.5	8.0	13.0	0.8
0.068	15.0	8.5	3.5	6.5	0.6	2.2	33.0	16.0	7.0	13.0	0.8
0.082	15.0	8.5	3.5	6.5	0.6	2.7	33.0	17.0	7.5	13.5	0.8
0.1	15.0	8.5	4.0	7.0	0.6	3.3	33.0	18.0	8.5	14.5	0.8
0.12	15.0	8.5	4.0	7.0	0.6	3.9	33.0	18.5	9.5	15.5	0.8
0.15	15.0	9.0	4.5	7.5	0.6	4.7	33.0	20.0	10.5	16.5	1.0
0.18	15.0	9.5	4.5	7.5	0.6	5.6	33.0	21.0	11.5	17.5	1.0
0.22	15.0	11.0	4.5	8.5	0.6	6.8	33.0	22.5	13.0	19.0	1.0
0.27	15.0	11.5	5.0	9.0	0.6	10	37.0	24.0	15.0	21.0	1.0
0.33	20.0	10.5	4.0	8.0	0.6		x	x	x	x	x
0.39	20.0	11.0	4.5	8.5	0.8		x	x	x	x	x
0.47	20.0	11.5	5.0	9.0	0.8		x	x	x	x	x

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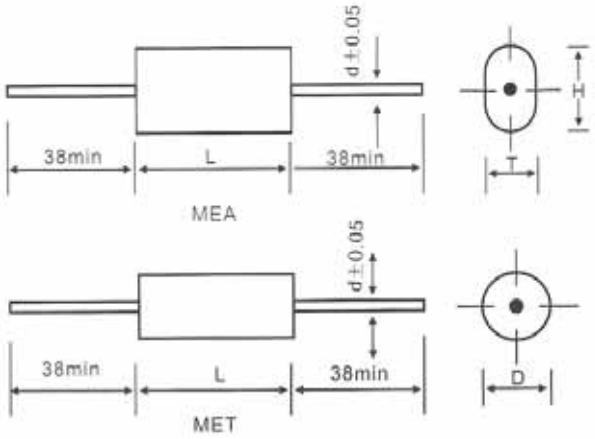

外形图 Outline Drawing

Dimensions: (mm)

μF	400VDC					μF	400VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	7.5	3.0	6.0	0.6	0.56	20.0	14.0	8.0	12.0	0.8
0.015	15.0	8.0	3.0	6.0	0.6	0.68	20.0	15.0	8.5	12.5	0.8
0.022	15.0	8.5	3.5	6.5	0.6	0.82	20.0	16.0	9.5	13.5	0.8
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0.047	15.0	8.5	3.5	6.5	0.6	1.5	25.0	18.0	10.0	15.0	0.8
0.056	15.0	8.5	4.0	7.0	0.6	1.8	25.0	19.0	11.0	16.0	0.8
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0.1	15.0	11.0	4.5	8.5	0.6	3.3	33.0	21.5	12.0	18.0	1.0
0.12	15.0	11.0	5.0	9.0	0.6	3.9	33.0	22.5	13.0	19.0	1.0
0.15	15.0	12.0	5.5	9.5	0.6	4.7	33.0	24.0	14.5	20.5	1.0
0.18	15.0	12.5	6.0	10.0	0.6		x	x	x	x	x
0.22	15.0	13.0	7.0	11.0	0.6		x	x	x	x	x
0.27	15.0	14.0	7.5	11.5	0.8		x	x	x	x	x
0.33	20.0	12.0	6.0	10.0	0.8		x	x	x	x	x
0.39	20.0	12.5	6.5	10.5	0.8		x	x	x	x	x
0.47	20.0	13.5	7.0	11.0	0.8		x	x	x	x	x

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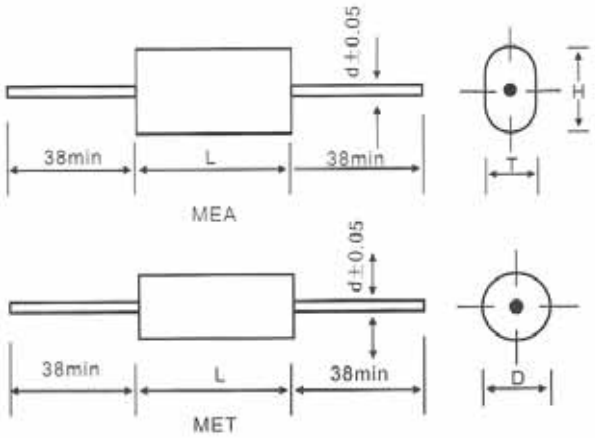

外形图 Outline Drawing

Dimensions: (mm)

μF	630VDC					μF	630VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	7.5	3.0	6.0	0.6	0.56	32.0	14.0	7.5	11.5	0.8
0.015	15.0	8.0	3.0	6.0	0.6	0.68	32.0	16.0	8.0	13.0	0.8
0.022	15.0	8.5	3.5	6.5	0.6	0.82	32.0	17.0	9.0	14.0	0.8
0.033	15.0	9.0	4.0	7.0	0.6	1.0	32.0	18.0	10.0	15.0	0.8
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0.068	15.0	12.0	5.5	9.5	0.6	2.2	32.0	24.0	15.0	21.0	1.0
0.082	15.0	12.5	6.0	10.0	0.6		x	x	x	x	x
0.1	20.0	11.0	4.5	8.5	0.8		x	x	x	x	x
0.12	20.0	11.5	5.0	9.0	0.8		x	x	x	x	x
0.15	20.0	12.0	5.5	9.5	0.8		x	x	x	x	x
0.18	20.0	12.5	6.0	10.0	0.8		x	x	x	x	x
0.22	25.0	12.0	5.5	9.5	0.8		x	x	x	x	x
0.27	25.0	12.5	6.0	10.0	0.8		x	x	x	x	x
0.33	25.0	13.0	7.0	11.0	0.8		x	x	x	x	x
0.39	25.0	14.0	7.5	11.5	0.8		x	x	x	x	x
0.47	32.0	13.5	7.0	11.0	0.8		x	x	x	x	x

Note: Capacitors of special specifications are made according to customer's need.

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