

## Film Capacitors

### CCC-21

(1 Flap FL16/20) 16 Values / 405 Pieces

Polyester Film Capacitors for 100V-DC / Dipped Capacitor element with radial leads

Type/Brand: PEI / Prestige

Tolerance:  $\pm 10\%$

Temperature: -40 to +85°C

#### Values-Quantities Selection:

|       |     |       |     |      |     |        |     |
|-------|-----|-------|-----|------|-----|--------|-----|
| 1,0nF | 50x | 4,7nF | 50x | 22nF | 25x | 0,10uF | 25x |
| 1,5nF | 20x | 6,8nF | 20x | 33nF | 20x | 0,15uF | 10x |
| 2,2nF | 30x | 10 nF | 50x | 47nF | 25x | 0,22uF | 10x |
| 3,3nF | 20x | 15 nF | 20x | 68nF | 20x | 0,47uF | 10x |

### CCC-23

(1 Flap FL24/10) 24 Values / 230 Pieces

Polypropylene Film Capacitors for 100V-DC / Dipped Capacitor element with radial leads

Type/Brand: CBB11 / Prestige

Tolerance:  $\pm 5\%$

Temperature: -40 to +85°C

#### Values-Quantities Selection:

|       |     |       |     |       |     |      |     |      |    |       |    |
|-------|-----|-------|-----|-------|-----|------|-----|------|----|-------|----|
| 1,0nF | 20x | 2,2nF | 15x | 4,7nF | 15x | 10nF | 16x | 22nF | 8x | 47nF  | 8x |
| 1,2nF | 10x | 2,7nF | 10x | 5,6nF | 8x  | 12nF | 6x  | 27nF | 5x | 56nF  | 4x |
| 1,5nF | 15x | 3,3nF | 15x | 6,8nF | 12x | 15nF | 8x  | 33nF | 8x | 68nF  | 5x |
| 1,8nF | 10x | 3,9nF | 8x  | 8,2nF | 8x  | 18nF | 6x  | 39nF | 5x | 0,1uF | 5x |

**CCC-41a**

(1 Flap FL16/10) 22 Values / 525 Pieces  
Multi-Layer MKT Capacitors

Type/Brand: B32529...X-Y / Epcos

Tolerance: ±5%

Temperature: -55 to +100°C

Pitch: 5mm

| Capacitance | Voltage | Capacitance  | Voltage |
|-------------|---------|--------------|---------|
| 1,0nF-6,8nF | 400V    | 0,1uF-0,47uF | 63V     |
| 10nF-33nF   | 250V    | 1,5uF        | 63V     |
| 47nF-68nF   | 100V    | 0,68uF-3,3uF | 50V     |

**Values-Quantities Selection:**

|       |     |        |     |        |     |        |     |        |     |        |     |
|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| 1,0nF | 30x | 1,5nF  | 20x | 2,2nF  | 30x | 3,3nF  | 20x | 4,7nF  | 30x | 6,8nF  | 20x |
| 10nF  | 30x | 15nF   | 20x | 22nF   | 30x | 33nF   | 20x | 47nF   | 30x | 68nF   | 20x |
| 0,1uF | 80x | 0,15uF | 20x | 0,22uF | 20x | 0,33uF | 15x | 0,47uF | 20x | 0,68uF | 20x |
| 1,0uF | 20x | 1,5uF  | 10x | 2,2uF  | 10x | 3,3uF  | 10x |        |     |        |     |

**CCC-43**

(1 Flap FL24/10) 24 Values / 300 Pieces  
Metallized Polyester Caps / Rectangular plastic case with radial leads

Type/Brand: B32560 / 32561 / 2562 / Epcos

Tolerance: ±10%

Temperature: -55 to +100°C

**Values - Quantities - Selection:**

|             |     |             |     |             |     |             |     |
|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
| 1,0nF/400V  | 20x | 2,2nF/400V  | 20x | 4,7nF/400V  | 20x | 10nF/400V   | 20x |
| 22nF/400V   | 20x | 47nF/400V   | 20x | 0,1uF/400V  | 12x | 0,22uF/400V | 12x |
| 0,33uF/400V | 10x | 1,0uF/400V  | 10x | 0,15uF/250V | 15x | 0,47uF/250V | 15x |
| 0,68uF/250V | 10x | 1,0uF/250V  | 10x | 1,5uF/250V  | 10x | 2,2uF/250V  | 10x |
| 3,3uF/250V  | 8x  | 0,68uF/100V | 15x | 1,0uF/100V  | 10x | 2,2uF/100V  | 8x  |
| 4,7uF/100V  | 6x  | 10uF/100V   | 5x  | 3,3uF/63V   | 8x  | 6,8uF/63V   | 6x  |

**CCC-51****(1 Flap FL16/10) 16 Values / 600 Pieces****Metallized polyester capacitor / Plastic case with radial leads****Type/Brand:** MKS 02 / WIMA**Tolerance:** ±20%**Temperature:** -55 to +100°C**Pitch:** 2,5mm**Values-Quantities Selection:**

|           |     |           |     |           |     |           |     |
|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| 1,0nF/63V | 50x | 2,2nF/63V | 25x | 3,3nF/63V | 25x | 4,7nF/63V | 50x |
| 10nF/63V  | 50x | 15nF/63V  | 25x | 22nF/63V  | 50x | 33nF/63V  | 25x |
| 47nF/63V  | 50x | 68nF/63V  | 25x | 100nF/63V | 50x | 150nF/50V | 25x |
| 220nF/50V | 50x | 330nF/50V | 25x | 470nF/50V | 50x | 680nF/50V | 25x |

**CCC-52****(1 Flap FL16/10) 16 Values / 440 Pieces****Metallized polyester capacitor / Plastic case with radial leads****Type/Brand:** MKS 2 / WIMA**Tolerance:** +/-10% (+/-20% for 1,0uF and 3,3uF)**Temperature:** -55 to +100°C**Pitch:** 5mm**Values-Quantities Selection:**

|           |     |           |     |           |     |           |     |
|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| 10nF/63V  | 50x | 15nF/63V  | 25x | 22nF/63V  | 50x | 33nF/63V  | 25x |
| 47nF/63V  | 50x | 68nF/63V  | 25x | 100nF/63V | 50x | 150nF/63V | 25x |
| 220nF/63V | 25x | 330nF/63V | 20x | 470nF/63V | 25x | 680nF/50V | 20x |
| 1,0uF/50V | 20x | 1,5uF/63V | 10x | 2,2uF/63V | 10x | 3,3uF/63V | 10x |

**CCC-53****(1 Flap FL16/10) 13 Values / 460 Pieces****Metallized polyester capacitor / Plastic case with radial leads****Type/Brand:** MKS 2-i / WIMA**Voltage:** 63V-DC**Tolerance:** ±10%**Temperature:** -55 to +100°C**Pitch:** 2,5mm**Values-Quantities Selection:**

|       |     |       |     |       |     |       |     |       |     |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 10nF  | 50x | 15nF  | 25x | 22nF  | 50x | 33nF  | 25x | 47nF  | 50x |
| 68nF  | 25x | 100nF | 50x | 150nF | 30x | 220nF | 40x | 330nF | 25x |
| 470nF | 40x | 680nF | 20x | 1,0uF | 30x |       |     |       |     |

**CCC-57****(1 Flap FL16/10) 8 Values / 70 Pieces****Metallized polycarbonat capacitor / Plastic case with radial leads****Type/Brand:** MKC 4 / WIMA**Tolerance:** ±10%**Temperature:** -55 to +100°C**Pitch:** 5mm**Values-Quantities Selection:**

|            |     |             |     |            |     |            |    |
|------------|-----|-------------|-----|------------|-----|------------|----|
| 0,1uF/250V | 20x | 0,47uF/250V | 16x | 1,0uF/250V | 10x | 2,2uF/100V | 8x |
| 3,3uF/100V | 4x  | 4,7uF/100V  | 6x  | 6,8uF/100V | 2x  | 10uF/100V  | 4x |

**CCC-58****(1 Flap FL16/10) 16 Values / 720 Pieces****Polypropylene Capacitors / Plastic case with radial leads****Type/Brand:** FKP 2 / WIMA**Tolerance:** ±10%**Temperature:** -55 to +85°C**Pitch:** 5mm**Values-Quantities Selection:**

|            |     |            |     |            |     |            |     |
|------------|-----|------------|-----|------------|-----|------------|-----|
| 100pF/100V | 50x | 150pF/100V | 50x | 220pF/100V | 50x | 330pF/100V | 50x |
| 470pF/100V | 50x | 680pF/100V | 50x | 1,0nF/100V | 50x | 1,5nF/100V | 50x |
| 2,2nF/100V | 50x | 3,3nF/ 63V | 50x | 4,7nF/ 63V | 50x | 6,8nF/ 63V | 50x |
| 10nF/ 63V  | 40x | 15nF/ 63V  | 30x | 22nF/ 63V  | 25x | 33nF/ 63V  | 25x |

**CCC-61**

(1 Flap FL16/20) 8 Values / 135 Pieces  
Dipped MKP Capacitors for 250V-AC

Type/Brand: Y1 / TEAPO

Tolerance: ±10%

Temperature: -25 to +70°C

**Values-Quantities Selection:**

|        |     |        |     |        |     |        |     |
|--------|-----|--------|-----|--------|-----|--------|-----|
| 0,1uF  | 30x | 0,15uF | 25x | 0,22uF | 20x | 0,33uF | 20x |
| 0,47uF | 15x | 0,68uF | 10x | 1,0uF  | 10x | 2,0uF  | 5x  |

**CCC-62**

(1 Flap FL16/20) 7 Values / 83 Pieces  
Dipped MKP Capacitors for 400V-AC

Type/Brand: Y1 / TEAPO

Tolerance: ±10%

Temperature: -25 to +70°C

**Values-Quantities Selection:**

|        |     |        |     |        |     |        |    |
|--------|-----|--------|-----|--------|-----|--------|----|
| 0,1uF  | 20x | 0,15uF | 15x | 0,22uF | 12x | 0,33uF | 8x |
| 0,47uF | 8x  | 0,68uF | 8x  | 1uF    | 12x |        |    |

**CCC-63**

(1 Flap FL16/20) 9 Values / 105 Pieces  
MKP Capacitors in rectangular plastic case for 250V-AC

Type/Brand: YE-DS / TEAPO (VDE 0560-8 / GPNFT)

Tolerance: ±10%

Temperature: -40 to +85°C

**Values-Quantities Selection:**

|        |     |        |     |        |     |        |    |
|--------|-----|--------|-----|--------|-----|--------|----|
| 0,1uF  | 15x | 0,15uF | 15x | 0,22uF | 15x | 0,33uF | 8x |
| 0,47uF | 18x | 0,68uF | 6x  | 1,0uF  | 18x | 1,5uF  | 4x |
| 2,0uF  | 6x  |        |     |        |     |        |    |

**CCC-64****(1 Flap FL16/20) 7 Values / 71 Pieces****MKP Capacitors in rectangular plastic case for 400V-AC****Type/Brand:** YE-DS / TEAPO (VDE 0560-8 / GPNFT)**Tolerance:** ±10%**Temperature:** -40 to +85°C**Values-Quantities Selection:**

|        |     |        |     |        |     |        |    |
|--------|-----|--------|-----|--------|-----|--------|----|
| 0,1uF  | 15x | 0,15uF | 15x | 0,22uF | 15x | 0,33uF | 8x |
| 0,47uF | 6x  | 0,68uF | 4x  | 1,0uF  | 8x  |        |    |