

Carbonfilm Resistors

CCR-02

(2 Flap FL24/10) 48 Values / 1.110 Pieces

Type/Fab: CFR25 (old 105-0) / Yageo Europe

Size: 0207 (2,3Øx6,3mm)

Value Range: 10Ohm-1Mohm (E6/E12)

Wattage: 0,25W

Tolerance: ±5%

Values-Quantities Selection:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 10 | 30x | 15 | 15x | 22 | 15x | 33 | 15x | 47 | 15x | 68 | 15x |
| 100 | 30x | 150 | 30x | 180 | 15x | 220 | 30x | 270 | 15x | 330 | 30x |
| 390 | 15x | 470 | 30x | 560 | 15x | 680 | 30x | 820 | 15x | 1K0 | 30x |
| 1K2 | 15x | 1K5 | 30x | 1K8 | 15x | 2K2 | 30x | 2K7 | 15x | 3K3 | 30x |
| | | | | | | | | | | | |
| 3K9 | 15x | 4K7 | 30x | 5K6 | 15x | 6K8 | 30x | 8K2 | 15x | 10K | 30x |
| 12K | 15x | 15K | 30x | 18K | 15x | 22K | 30x | 27K | 15x | 33K | 30x |
| 39K | 15x | 47K | 30x | 56K | 15x | 68K | 30x | 82K | 15x | 100K | 30x |

CCR-04

(5 Flap FL24/10) 120 Values / 2.340 Pieces
Binder: CCO-70 (Dimension: 318x260x70)

Type/Fab: 1 CFR25 (old 105-0) / Yageo Europe

Size: 0207 (2,3Øx6,3mm)

Value Range: 10Ohm-1M0hm (E24)

Wattage: 0,25W

Tolerance: ±5%

Values-Quantities Selection:

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 10 | 25x | 11 | 5x | 12 | 10x | 13 | 5x | 15 | 25x | 16 | 5x |
| 18 | 10x | 20 | 5x | 22 | 25x | 24 | 5x | 27 | 10x | 30 | 5x |
| 33 | 25x | 36 | 5x | 39 | 10x | 43 | 5x | 47 | 25x | 51 | 5x |
| 56 | 10x | 62 | 5x | 68 | 25x | 75 | 5x | 82 | 10x | 91 | 5x |
| | | | | | | | | | | | |
| 100 | 40x | 110 | 10x | 120 | 25x | 130 | 10x | 150 | 40x | 160 | 10x |
| 180 | 25x | 200 | 10x | 220 | 40x | 240 | 10x | 270 | 25x | 300 | 10x |
| 330 | 40x | 360 | 10x | 390 | 25x | 430 | 10x | 470 | 40x | 510 | 10x |
| 560 | 25x | 620 | 10x | 680 | 40x | 750 | 10x | 820 | 25x | 910 | 10x |
| | | | | | | | | | | | |
| 1K0 | 40x | 1K1 | 10x | 1K2 | 25x | 1K3 | 10x | 1K5 | 40x | 1K6 | 10x |
| 1K8 | 25x | 2K0 | 10x | 2K2 | 40x | 2K4 | 10x | 2K7 | 25x | 3K0 | 10x |
| 3K3 | 40x | 3K6 | 10x | 3K9 | 25x | 4K3 | 10x | 4K7 | 40x | 5K1 | 10x |
| 5K6 | 25x | 6K2 | 10x | 6K8 | 40x | 7K5 | 10x | 8K2 | 25x | 9K1 | 10x |
| | | | | | | | | | | | |
| 10K | 40x | 11K | 10x | 12K | 25x | 13K | 10x | 15K | 40x | 16K | 10x |
| 18K | 25x | 20K | 10x | 22K | 40x | 24K | 10x | 27K | 25x | 30K | 10x |
| 33K | 40x | 36K | 10x | 39K | 25x | 43K | 10x | 47K | 40x | 51K | 10x |
| 56K | 25x | 62K | 10x | 68K | 40x | 75K | 10x | 82K | 25x | 91K | 10x |
| | | | | | | | | | | | |
| 100K | 40x | 110K | 10x | 120K | 25x | 130K | 10x | 150K | 40x | 160K | 10x |
| 180K | 25x | 200K | 10x | 220K | 40x | 240K | 10x | 270K | 25x | 300K | 10x |
| 330K | 40x | 360K | 10x | 390K | 25x | 430K | 10x | 470K | 40x | 510K | 10x |
| 560K | 25x | 620K | 10x | 680K | 40x | 750K | 10x | 820K | 25x | 1M0 | 40x |

CCR-06**(1 Flap FL24/10) 24 Values / 288 Pieces****Type/Fab:** NAS1/2 / Hokuriku or alternative**Size:** 0411 (3,7Øx8,5mm)**Value Range:** 0,47Ohm-8,2Ohm (E12) 1,2MOhm-4,7MOhm (E12)**Wattage:** 0,5W**Tolerance:** ±5%**Values-Quantities Selection:**

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| R47 | 30x | R56 | 15x | R68 | 30x | R82 | 15x | 1R0 | 30x | 1R2 | 15x |
| 1R5 | 30x | 1R8 | 15x | 2R2 | 30x | 2R7 | 15x | 3R3 | 30x | 3R9 | 15x |
| 4R7 | 30x | 5R6 | 15x | 6R8 | 30x | 8R2 | 15x | 1M2 | 15x | 1M5 | 30x |
| 1M8 | 15x | 2M2 | 30x | 2M7 | 15x | 3M3 | 30x | 3M9 | 15x | 4M7 | 30x |

Metal Oxide Resistors

CCR-03

(2 Flap FL24/10) 48 Values / 810 Pieces
Miniature Power Resistors

Type/Brand: RNS-RSS1 / FUKUSHIMA FUTABA

Size: 0309 (2,8øx 9,5mm)

Wattage: 1,0W

Tolerance: ±5%

Values: 0,22Ohm-47KOhm (E6/E12)

TC: 350 ppm/°C

Values-Quantities Selection:

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|-----|-----|-----|-----|
| 0,22 | 20x | 0,33 | 20x | 0,47 | 20x | 0,68 | 20x | 1 | 20x | 1,5 | 20x |
| 2,2 | 20x | 3,3 | 20x | 4,7 | 20x | 6,8 | 20x | 10 | 20x | 15 | 20x |
| 22 | 20x | 33 | 20x | 47 | 20x | 68 | 20x | 100 | 20x | 150 | 20x |
| 180 | 10x | 220 | 20x | 270 | 10x | 330 | 20x | 390 | 10x | 470 | 20x |
| | | | | | | | | | | | |
| 560 | 10x | 680 | 20x | 820 | 10x | 1K0 | 20x | 1K2 | 10x | 1K5 | 20x |
| 1K8 | 10x | 2K2 | 20x | 2K7 | 10x | 3K3 | 20x | 3K9 | 10x | 4K7 | 20x |
| 5K6 | 10x | 6K8 | 20x | 8K2 | 10x | 10K | 20x | 12K | 10x | 15K | 20x |
| 18K | 10x | 22K | 20x | 27K | 10x | 33K | 20x | 39K | 10x | 47K | 20x |

Metalfilm Resistors

CBR-11

(2 Flap FL24/10) 48 Values / 1.850 Pieces

Type/Brand: MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag

Wattage: 0,4W at +70°C

Value Range: 10Ω-1MΩ (E6/E12)

Tolerance: ±1%

TC: 50ppm/°C

Values-Quantities Selection:

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 10 | 50x | 15 | 25x | 22 | 25x | 33 | 25x | 47 | 25x | 68 | 25x |
| 100 | 50x | 150 | 50x | 180 | 25x | 220 | 50x | 270 | 25x | 330 | 50x |
| 390 | 25x | 470 | 50x | 560 | 25x | 680 | 50x | 820 | 25x | 1K0 | 50x |
| 1K2 | 25x | 1K5 | 50x | 1K8 | 25x | 2K2 | 50x | 2K7 | 25x | 3K3 | 50x |
| | | | | | | | | | | | |
| 3K9 | 25x | 4K7 | 50x | 5K6 | 25x | 6K8 | 50x | 8K2 | 25x | 10K | 50x |
| 12K | 25x | 15K | 50x | 18K | 25x | 22K | 50x | 27K | 25x | 33K | 50x |
| 39K | 25x | 47K | 50x | 56K | 25x | 68K | 50x | 82K | 25x | 100K | 50x |
| 150K | 50x | 220K | 50x | 330K | 50x | 470K | 50x | 680K | 50x | 1M0 | 50x |

CBR-12

(2 Flap FL24/10) 48 Values / 1.480 Pieces

Type/Brand: MBB 0207-50 (2,5ø x 6,3mm) / Vishay Beyschlag

Wattage: 0,6W at +70°C

Value Range: 10Ω-1MΩ (E6/E12)

Tolerance: ±1%

TC: 50ppm/°C

Values-Quantities Selection:

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 10 | 40x | 15 | 20x | 22 | 20x | 33 | 20x | 47 | 20x | 68 | 20x |
| 100 | 40x | 150 | 40x | 180 | 20x | 220 | 40x | 270 | 20x | 330 | 40x |
| 390 | 20x | 470 | 40x | 560 | 20x | 680 | 40x | 820 | 20x | 1K0 | 40x |
| 1K2 | 20x | 1K5 | 40x | 1K8 | 20x | 2K2 | 40x | 2K7 | 20x | 3K3 | 40x |
| | | | | | | | | | | | |
| 3K9 | 20x | 4K7 | 40x | 5K6 | 20x | 6K8 | 40x | 8K2 | 20x | 10K | 40x |
| 12K | 20x | 15K | 40x | 18K | 20x | 22K | 40x | 27K | 20x | 33K | 40x |
| 39K | 20x | 47K | 40x | 56K | 20x | 68K | 40x | 82K | 20x | 100K | 40x |
| 150K | 40x | 220K | 40x | 330K | 40x | 470K | 40x | 680K | 40x | 1M0 | 40x |

CBR-13

(6 Flap FL24/10) 144 Values / 3.715 Pieces**Type/Brand:** MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag**Wattage:** 0,4W at +70°C**Value Range:** 1,0Ω-10MΩ (E12/E24)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder:** CCO-70 (Dimensions: 318x260x70)**Values-Quantities Selection:**

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 1 | 40x | 1,2 | 25x | 1,5 | 40x | 1,8 | 25x | 2,2 | 40x | 2,7 | 25x |
| 3,3 | 40x | 3,9 | 25x | 4,7 | 40x | 5,6 | 25x | 6,8 | 40x | 8,2 | 25x |
| 10 | 40x | 11 | 10x | 12 | 25x | 13 | 10x | 15 | 40x | 16 | 10x |
| 18 | 25x | 20 | 10x | 22 | 40x | 24 | 10x | 27 | 15x | 30 | 10x |
| | | | | | | | | | | | |
| 33 | 40x | 36 | 10x | 39 | 25x | 43 | 10x | 47 | 40x | 51 | 10x |
| 56 | 25x | 62 | 10x | 68 | 40x | 75 | 10x | 82 | 25x | 91 | 10x |
| 100 | 50x | 110 | 10x | 120 | 30x | 130 | 10x | 150 | 50x | 160 | 10x |
| 180 | 30x | 20x | 10x | 220 | 50x | 240 | 10x | 270 | 30x | 300 | 10x |
| | | | | | | | | | | | |
| 330 | 50x | 360 | 10x | 390 | 30x | 430 | 10x | 470 | 50x | 510 | 10x |
| 560 | 30x | 620 | 10x | 680 | 50x | 750 | 10x | 820 | 30x | 910 | 10x |
| 1K0 | 50x | 1K1 | 10x | 1K2 | 30x | 1K3 | 10x | 1K5 | 50x | 1K6 | 10x |
| 1K8 | 30x | 2K0 | 10x | 2K2 | 50x | 2K4 | 10x | 2K7 | 30x | 3K0 | 10x |
| | | | | | | | | | | | |
| 3K3 | 50x | 3K6 | 10x | 3K9 | 30x | 4K3 | 10x | 4K7 | 50x | 5K1 | 10x |
| 5K6 | 30x | 6K2 | 10x | 6K8 | 50x | 7K5 | 10x | 8K2 | 30x | 9K1 | 10x |
| 10K | 50x | 11K | 10x | 12K | 30x | 13K | 10x | 15K | 50x | 16K | 10x |
| 18K | 30x | 20K | 10x | 22K | 50x | 24K | 10x | 27K | 30x | 30K | 10x |
| | | | | | | | | | | | |
| 33K | 50x | 36K | 10x | 39K | 30x | 43K | 10x | 47K | 50x | 51K | 10x |
| 56K | 30x | 62K | 10x | 68K | 50x | 75K | 10x | 82K | 30x | 91K | 10x |
| 100K | 50x | 110K | 10x | 120K | 30x | 130K | 10x | 150K | 50x | 160K | 10x |
| 180K | 30x | 200K | 10x | 220K | 50x | 240K | 10x | 270K | 30x | 300K | 10x |
| | | | | | | | | | | | |
| 330K | 50x | 360K | 10x | 390K | 30x | 430K | 10x | 470K | 50x | 510K | 10x |
| 560K | 30x | 620K | 10x | 680K | 50x | 750K | 10x | 820K | 30x | 910K | 10x |
| 1M0 | 40x | 1M2 | 25x | 1M5 | 40x | 1M8 | 25x | 2M2 | 40x | 2M7 | 25x |
| 3M3 | 40x | 3M9 | 25x | 4M7 | 40x | 5M6 | 25x | 6M8 | 40x | 10M | 40x |

CBR-14**(6 Flap FL24/10) 144 Values / 3.080 Pieces****Type/Brand:** MBB 0207-50 (2,5ø x 6,3mm) / Vishay Beyschlag**Wattage:** 0,6W at +70°C**Value Range:** 1,0Ω-10MΩ (E12/E24)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder: CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:**

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|---------|
| 1 | 30x | 1,2 | 20x | 1,5 | 30x | 1,8 | 20x | 2,2 | 30x | 2,7 | 20x |
| 3,3 | 30x | 3,9 | 4,7 | 30x | 5,6 | 20x | 6,8 | 30x | 8,2 | 20x | |
| 10 | 30x | 11 | 10x | 12 | 20x | 13 | 10x | 15 | 30x | 16 | 10x |
| 18 | 20x | 20 | 10x | 22 | 30x | 24 | 10x | 27 | 20x | 30 | 10x |
| | | | | | | | | | | | &n Ü€ |
| 33 | 30x | 36 | 10x | 39 | 20x | 43 | 10x | 47 | 30x | 51 | 10x |
| 56 | 20x | 62 | 10x | 68 | 30x | 75 | 10x | 82 | 20x | 91 | 10x |
| 100 | 40x | 110 | 10x | 120 | 25x | 130 | 10x | 150 | Ü€x | 160 | 10x |
| 180 | 25x | 200 | 10x | 220 | 40x | 240 | 10x | 270 | 25x | 300 | 10x |
| | | | | | | | | | | | |
| 330 | 40x | 360 | 10x | 390 | 25x | 430 | 10x | 470 | 40x | 510 | 10x |
| 560 | 25x | 620 | 10x | 680 | 40x | 750 | 10x | 820 | 25x | 910 | 10x |
| 1K0 | 40x | 1K1 | 10x | 1K2 | 25x | 1K3 | 10x | 1K5 | 40x | 1K6 | 10x |
| 1K8 | 25x | 2K0 | 10x | 2K2 | 40x | 2K4 | 10x | 2K7 | 25x | 3K0 | 10x |
| | | | | | | | | | | | |
| 3K3 | 40x | 3K6 | 10x | 3K9 | 25x | 4K3 | 10x | 4K7 | 40x | 5K1 | 10x |
| 5K6 | 25x | 6K2 | 10x | 6K8 | 40x | 7K5 | 10x | 8K2 | 25x | 9K1 | 10x |
| 10K | 40x | 11K | 10x | 12K | 25x | 13K | 10x | 15K | 40x | 16K | 10x |
| 18K | 25x | 20K | 10x | 22K | 40x | 24K | 10x | 27K | 25x | 30K | 10x |
| | | | | | | | | | | | |
| 33K | 40x | 36K | 10x | 39K | 25x | 43K | 10x | 47K | 40x | 51K | 10x |
| 56K | 25x | 62K | 10x | 68K | 40x | 75K | 10x | 82K | 25x | 91K | 10x |
| 100K | 40x | 110K | 10x | 120K | 25x | 130K | 10x | 150K | 40x | 160K | 10x |
| 180K | 25x | 200K | 10x | 220K | 40x | 240K | 10x | 270K | 25x | 300K | 10x |
| | | | | | | | | | | | |
| 330K | 40x | 360K | 10x | 390K | 25x | 430K | 10x | 470K | 40x | 510K | 10x Ü€> |
| 560K | 25x | 620K | 10x | 680K | 40x | 750K | 10x | 820K | 25x | 910K | 10x |
| 1M0 | 40x | 1M2 | 20x | 1M5 | 30x | 1M8 | 20x | 2M2 | 30x | 2M7 | 20x |
| 3M3 | 30x | 3M9 | 20x | 4M7 | 30x | 5M6 | 20x | 6M8 | 10M | 30x | |

CBR-15**(10 Flap FL24/10) 240 Values / 9.600 Pieces****Type/Brand:** MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag**Wattage:** 0,4W at +70°C**Value Range:** 10Ω-1MΩ (E48)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder: 2 x CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:****240 Values x 40 = 9.600 Pieces (Exception: 953kOhm)****CBR-16****(10 Flap FL24/10) 240 Values / 7.200 Pieces****Type/Brand:** MBB 0207-50 (2,5ø x 6,3mm) / Vishay Beyschlag**Wattage:** 0,6W at +70°C**Value Range:** 10Ω-1MΩ (E48)**Tolerance:**

±1%

TC: 50ppm/°C**Binder: 2 x CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:****240 Values x 30 = 7.200 Pieces (Exception: 953KOhm)****CBR-17****(20 Flap FL24/10) 480 Values / 19.200 Pieces****Type/Brand:** MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag**Wattage:** 0,4W at +70°C**Value Range:** 10Ω-1MΩ (E96)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder: 3 x CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:****480 Values x 40 = 19.200 Pieces (Exception: 976KOhm)**

CBR-18**(20 Flap FL24/10) 480 Values / 14.400 Pieces****Type/Brand:** MBB 0207-50 (2,5ø x 6,3mm) / Vishay Beyschlag**Wattage:** 0,6W at +70°C**Value Range:** 10Ω-1MΩ (E96)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder: 3 x CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:****480 Values x 30 = 14.400 Pieces (Exception: 976KOhm)****CBR-19****(1 Flap FL16/10 + 2 Flap FL24/10) 64 Values / 2.560 Pieces****Type/Brand:** MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag**Wattage:** 0,4W at +70°C**Value Range:** 0,22Ω-9,53Ω (E24/E48)**Tolerance:** ±5% (0,22Ω-0,91Ω), ±1% (1,0-9,53Ω)**TC:** 50ppm/°C**Binder: CCO-40 (Dimensions: 319x260x45)****Values-Quantities Selection: 40 pieces each**

| | | | | | |
|------|------|------|------|------|------|
| 0 | 0,22 | 0,27 | 0,3 | | |
| 0,33 | 0,36 | 0,39 | 0,43 | | |
| 0,47 | 0,51 | 0,56 | 0,62 | | |
| 0,68 | 0,75 | 0,82 | 0,91 | | |
| | | | | | |
| 1 | 1,05 | 1,1 | 1,15 | 1,21 | 1,27 |
| 1,33 | 1,4 | 1,47 | 1,54 | 1,62 | 1,69 |
| 1,78 | 1,87 | 1,96 | 2,05 | 2,15 | 2,26 |
| 2,37 | 2,49 | 2,61 | 2,74 | 2,87 | 3,01 |
| | | | | | |
| 3,16 | 3,32 | 3,48 | 3,65 | 3,83 | 4,02 |
| 4,22 | 4,42 | 4,64 | 4,87 | 5,11 | 5,36 |
| 5,62 | 5,9 | 6,19 | 6,49 | 6,81 | 7,15 |
| 7,4 | 7,87 | 8,25 | 8,66 | 9,09 | 9,5 |

CBR-20**(1 Flap FL16/10 + 2 Flap FL24/10) 64 Values / 1.920 Pieces****Type/Brand:** MBB 0207-50 (2,5øx 6,3mm) / Vishay Beyschlag**Wattage:** 0,6W at +70°C**Value Range:** 0,22Ω-9,53Ω (E24/E48)**Tolerance:** ±5% (0,22Ω-0,91Ω) / ±1% (1,0Ω-9,53Ω)**TC:** 50ppm/°C**Binder: CCO-40 (Dimensions: 319x260x45)****Values-Quantities Selection: each 30 pieces**

| | | | | | |
|------|------|------|------|------|------|
| 0 | 0,22 | 0,27 | 0,3 | | |
| 0,33 | 0,36 | 0,39 | 0,43 | | |
| 0,47 | 0,51 | 0,56 | 0,62 | | |
| 0,68 | 0,75 | 0,82 | 0,91 | | |
| | | | | | |
| 1 | 1,05 | 1,1 | 1,15 | 1,21 | 1,27 |
| 1,33 | 1,4 | 1,47 | 1,54 | 1,62 | 1,69 |
| 1,78 | 1,87 | 1,96 | 2,05 | 2,15 | 2,26 |
| 2,37 | 2,49 | 2,61 | 2,74 | 2,87 | 3,01 |
| | | | | | |
| 3,16 | 3,32 | 3,48 | 3,65 | 3,83 | 4,02 |
| 4,22 | 4,42 | 4,64 | 4,87 | 5,11 | 5,36 |
| 5,62 | 5,9 | 6,19 | 6,49 | 6,81 | 7,15 |
| 7,4 | 7,87 | 8,25 | 8,66 | 9,09 | 9,53 |

CBR-21**(2 Flap FL24/10) 48 Values / 1.920 Pieces****Type/Brand:** MBA 0204-50 (1,6ø x 3,6mm) / Vishay Beyschlag**Wattage:** 0,4W at +70°**Value Range:** 1,05MΩ-10MΩ (E48)**Tolerance:** ±1%**TC:** 50ppm/°C**Values-Quantities Selection:****48 Values x 40 = 1.920 Pieces**

CBR-22**(2 Flap FL24/10) 48 Values / 1.440 Pieces****Type/Brand:** MBB 0207-50 (2,5ø x 6,3mm) / Vishay Beyschlag**Wattage:** 0,6W at +70°C**Value Range:** 1,05MΩ-22MΩ (E48/24/12)**Tolerance:** ±1% / ±5%**TC:** 50ppm/°C**Values-Quantities Selection : each 30 pieces**

| | | | | | |
|------|------|------|------|------|------|
| 1M05 | 1M10 | 1M15 | 1M21 | 1M27 | 1M33 |
| 1M40 | 1M47 | 1M54 | 1M62 | 1M69 | 1M78 |
| 1M87 | 1M96 | 2M05 | 2M15 | 2M26 | 2M37 |
| 2M49 | 2M61 | 2M74 | 2M87 | 3M01 | 3M16 |
| | | | | | |
| 3M32 | 3M48 | 3M65 | 3M83 | 4M02 | 4M22 |
| 4M42 | 4M64 | 4M87 | 5M11 | 5M36 | 5M62 |
| 5M90 | 6M19 | 6M49 | 6M81 | 7M50 | 8M20 |
| 9M10 | 10M0 | 12M0 | 15M0 | 18M0 | 22M0 |

CCR-12**(2 Flap FL24/10) 48 Values / 1.110 Pieces****Type/Brand:** MF0207 / Yageo Europe or alternative**Size :** 0207 (2,5øx6,5mm)**Wattage:** 0,6W at +70°C**Value Range:** 10Ω-1MΩ (E6/E12)**Tolerance:** ±1%**TC:** 50ppm/°C**Values-Quantities Selection:**

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 10 | 30x | 15 | 15x | 22 | 15x | 33 | 15x | 47 | 15x | 68 | 15x |
| 100 | 30x | 150 | 30x | 180 | 15x | 220 | 30x | 270 | 15x | 330 | 30x |
| 390 | 15x | 470 | 30x | 560 | 15x | 680 | 30x | 820 | 15x | 1K0 | 30x |
| 1K2 | 15x | 1K5 | 30x | 1K8 | 15x | 2K2 | 30x | 2K7 | 15x | 3K3 | 30x |
| | | | | | | | | | | | |
| 3K9 | 15x | 4K7 | 30x | 5K6 | 15x | 6K8 | 30x | 8K2 | 15x | 10K | 30x |
| 12K | 15x | 15K | 30x | 18K | 15x | 22K | 30x | 27K | 15x | 33K | 30x |
| 39K | 15x | 47K | 30x | 56K | 15x | 68K | 30x | 82K | 15x | 100K | 30x |
| 150K | 30x | 220K | 30x | 330K | 30x | 470K | 30x | 680K | 30x | 1M0 | 30x |

CCR-13**(5 Flap FL24/10) 120 Values / 2.340 Pieces****Type/Brand:** MF0207 / Yageo Europe or alternative**Size:** 0207 (2,5øx6,5mm)**Wattage:** 0,6W at +70°C**Value Range:** 10Ω-1MΩ (E24)**Tolerance:** ±1%**TC:** 50ppm/°C**Binder: CCO-70 (Dimensions: 318x260x70)****Values-Quantities Selection:**

| | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
| 10 | 25x | 11 | 5x | 12 | 10x | 13 | 5x | 15 | 25x | 16 | 5x |
| 18 | 10x | 20 | 5x | 22 | 25x | 24 | 5x | 27 | 10x | 30 | 5x |
| 33 | 25x | 36 | 5x | 39 | 10x | 43 | 5x | 47 | 25x | 51 | 5x |
| 56 | 10x | 62 | 5x | 68 | 25x | 75 | 5x | 82 | 10x | 91 | 5x |
| | | | | | | | | | | | |
| 100 | 40x | 110 | 10x | 120 | 25x | 130 | 10x | 150 | 40x | 160 | 10x |
| 180 | 25x | 200 | 10x | 220 | 40x | 240 | 10x | 270 | 25x | 300 | 10x |
| 330 | 40x | 360 | 10x | 390 | 25x | 430 | 10x | 470 | 40x | 510 | 10x |
| 560 | 25x | 620 | 10x | 680 | 40x | 750 | 10x | 820 | 25x | 910 | 10x |
| | | | | | | | | | | | |
| 1K0 | 40x | 1K1 | 10x | 1K2 | 25x | 1K3 | 10x | 1K5 | 40x | 1K6 | 10x |
| 1K8 | 25x | 2K0 | 10x | 2K2 | 40x | 2K4 | 10x | 2K7 | 25x | 3K0 | 10x |
| 3K3 | 40x | 3K6 | 10x | 3K9 | 25x | 4K3 | 10x | 4K7 | 40x | 5K1 | 10x |
| 5K6 | 25x | 6K2 | 10x | 6K8 | 40x | 7K5 | 10x | 8K2 | 25x | 9K1 | 10x |
| | | | | | | | | | | | |
| 10K | 40x | 11K | 10x | 12K | 25x | 13K | 10x | 15K | 40x | 16K | 10x |
| 18K | 25x | 20K | 10x | 22K | 40x | 24K | 10x | 27K | 25x | 30K | 10x |
| 33K | 40x | 36K | 10x | 39K | 25x | 43K | 10x | 47K | 40x | 51K | 10x |
| 56K | 25x | 62K | 10x | 68K | 40x | 75K | 10x | 82K | 25x | 91K | 10x |
| | | | | | | | | | | | |
| 100K | 40x | 110K | 10x | 120K | 25x | 130K | 10x | 150K | 40x | 160K | 10x |
| 180K | 25x | 200K | 10x | 220K | 40x | 240K | 10x | 270K | 25x | 300K | 10x |
| 330K | 40x | 360K | 10x | 390K | 25x | 430K | 10x | 470K | 40x | 510K | 10x |
| 560K | 25x | 620K | 10x | 680K | 40x | 750K | 10x | 820K | 25x | 1M0 | 40x |

CCR-14**(1 Flap FL24/10) 24 Values / 420 Pieces****Type/Brand:** MF0207 / Yageo Europe or alternative**Size:** 0207 (2,5øx6,5mm)**Wattage:** 0,6W at +70°C**Value Range:** 1,0Ω-9,1Ω (E24)**Tolerance:** ±1%**TC:** 50ppm/°C**Values-Quantities Selection:**

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1R0 | 30x | 1R1 | 10x | 1R2 | 20x | 1R3 | 10x | 1R5 | 30x | 1R6 | 10x |
| 1R8 | 20x | 2R0 | 10x | 2R2 | 30x | 2R4 | 10x | 2R7 | 20x | 3R0 | 10x |
| 3R3 | 30x | 3R6 | 10x | 3R9 | 20x | 4R3 | 10x | 4R7 | 30x | 5R1 | 10x |
| 5R6 | 20x | 6R2 | 10x | 6R8 | 30x | 7R5 | 10x | 8R2 | 20x | 9R1 | 10x |

CCR-121**(2 Flaps FL24/10) 48 Values / 1.440 Pieces****Type/Brand:** PR01 / Phoenix Passive Components**Size:** 2,5øx8,5mm**Values:** 10Ohm-1MOhm (E6)**Wattage:** 1W bei +70°C**Tolerance:** ±5%**TK:** 250ppm/°C**Values-Quantities Selection:**

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 10 | 30x | 15 | 30x | 22 | 30x | 33 | 30x | 47 | 30x | 68 | 30x |
| 100 | 30x | 150 | 30x | 180 | 30x | 220 | 30x | 270 | 30x | 330 | 30x |
| 390 | 30x | 470 | 30x | 560 | 30x | 680 | 30x | 820 | 30x | 1K0 | 30x |
| 1K2 | 30x | 1K5 | 30x | 1K8 | 30x | 2K2 | 30x | 2K7 | 30x | 3K3 | 30x |
| | | | | | | | | | | | |
| 3K9 | 30x | 4K7 | 30x | 5K6 | 30x | 6K8 | 30x | 8K2 | 30x | 10K | 30x |
| 12K | 30x | 15K | 30x | 18K | 30x | 22K | 30x | 27K | 30x | 33K | 30x |
| 39K | 30x | 47K | 30x | 56K | 30x | 68K | 30x | 82K | 30x | 100K | 30x |

CCR-122**(2 Flaps FL24/10) 48 Values / 720 Pieces****Type/Brand:** PR02 / Phoenix Passive Components**Size:** 3,9Øx12mm**Values:** 10Ohm-1MOhm (E6)**Wattage:** 2W bei +70°C**Tolerance:** ±5%**TK:** 250ppm/°C**Values-Quantities Selection:**

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 10 | 15x | 15 | 15x | 22 | 15x | 33 | 15x | 47 | 15x | 68 | 15x |
| 100 | 15x | 150 | 15x | 180 | 15x | 220 | 15x | 270 | 15x | 330 | 15x |
| 390 | 15x | 470 | 15x | 560 | 15x | 680 | 15x | 820 | 15x | 1K0 | 15x |
| 1K2 | 15x | 1K5 | 15x | 1K8 | 15x | 2K2 | 15x | 2K7 | 15x | 3K3 | 15x |
| | | | | | | | | | | | |
| 3K9 | 15x | 4K7 | 15x | 5K6 | 15x | 6K8 | 15x | 8K2 | 15x | 10K | 15x |
| 12K | 15x | 15K | 15x | 18K | 15x | 22K | 15x | 27K | 15x | 33K | 15x |
| 39K | 15x | 47K | 15x | 56K | 15x | 68K | 15x | 82K | 15x | 100K | 15x |

Power Resistors

CCR-31

(1 Flap FL16/20) 14 Values / 195 Pieces
Low Ohm Metalband Resistors

Type/Brand: MPC 70-76-702 / FUKUSHIMA FUTABA
Style: Rectangular Ceramic case with radial leads
Values: 0,01Ω-1,0Ω (E6/E12)
Temperature: -55 at + 200°C
Wattage: 2W
Tolerance: ±10%
TK: +/- 350ppm/°C

Values-Quantities-Selection:

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|---------|-----|
| 0,01Ω | 20x | 0,15Ω | 15x | 0,33Ω | 15x | 0,56Ω | 10x | 1,00Ω | 15x |
| 0,05Ω | 20x | 0,22Ω | 15x | 0,39Ω | 10x | 0,68Ω | 15x | 2x0,47Ω | 10x |
| 0,10Ω | 15x | 0,27Ω | 10x | 0,47Ω | 15x | 0,82Ω | 10x | | |

CCR-32

(1 Flap FL16/20) 15 Values / 195 Pieces
Low Ohm Metalband Resistors

Type/Brand: MPC 71-75-722 / FUKUSHIMA FUTABA
Style: Rectangular Ceramic case with radial leads
Values: 0,01Ω-2,2Ω (E6/E12)
Temperature: -55 at +200°C
Wattage: 5W
Tolerance: ±10%
TK: +/- 350ppm/°C

Values-Quantities-Selection:

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|---------|-----|
| 0,01Ω | 15x | 0,15Ω | 15x | 0,33Ω | 15x | 0,56Ω | 10x | 1,00Ω | 15x |
| 0,05Ω | 15x | 0,22Ω | 15x | 0,39Ω | 10x | 0,68Ω | 15x | 2,20Ω | 10x |
| 0,10Ω | 15x | 0,27Ω | 10x | 0,47Ω | 15x | 0,82Ω | 10x | 2x0,47Ω | 10x |

CCR-33

(1 Flap FL16/20) 16 Values / 240 Pieces
Power Resistors with wire- or metaloxide element

Type/Brand: CWR-COR / FUKUSHIMA FUTABA
Style: Rectangular Ceramic case with radial leads
Values: 1,5Ω-1,0KΩ (E6)
Wattage: 2W
Tolerance: ±5%
TK: 350ppm/°C

Values-Quantities-Selection:

| | | | | | | | |
|------|-----|------|-----|------|-----|-------|-----|
| 1,5Ω | 15x | 6,8Ω | 15x | 33Ω | 15x | 220Ω | 15x |
| 2,2Ω | 15x | 10Ω | 15x | 47Ω | 15x | 330Ω | 15x |
| 3,3Ω | 15x | 15Ω | 15x | 68Ω | 15x | 470Ω | 15x |
| 4,7Ω | 15x | 22Ω | 15x | 100Ω | 15x | 1,0KΩ | 15x |

CCR-34

(1 Flap FL16/20) 16 Values / 160 Pieces
Power Resistors with wire- or metaloxide element

Type/Brand: CWR-COR/FUKUSHIMA FUTABA
Style: Rectangular Ceramic case with radial leads
Values : 1,5Ω-1,0KΩ (E6)
Wattage: 5W
Tolerance: ±5%
TK: 350ppm/°C

Values-Quantities-Selection:

| | | | | | | | |
|------|-----|------|-----|------|-----|-------|-----|
| 1,5Ω | 10x | 6,8Ω | 10x | 33Ω | 10x | 220Ω | 10x |
| 2,2Ω | 10x | 10Ω | 10x | 47Ω | 10x | 330Ω | 10x |
| 3,3Ω | 10x | 15Ω | 10x | 68Ω | 10x | 470Ω | 10x |
| 4,7Ω | 10x | 22Ω | 10x | 100Ω | 10x | 1,0KΩ | 10x |

Trimmer

CCR-51

(1 Flap FL24/10) 24 Values / 192 Pieces
Cermet Trimmer Resistors

Type/Brand: VG083H / HOKURIKU

Wattage: 0,2W

Values-Quantities-Selection:

Horizontal style : 2,5+2,5mm Pin Space

| | | | | | | | | | | | |
|------|-----|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 220W | 10x | 470W | 10x | 1,0KW | 10x | 2,2KW | 10x | 4,7KW | 10x | 10KW | 10x |
| 22KW | 10x | 47KW | 10x | 100KW | 10x | 220KW | 10x | 470KW | 10x | 1,0MW | 10x |

Vertical style: 5x10mm Pin Space

| | | | | | | | | | | | |
|------|----|------|----|-------|----|-------|----|-------|----|-------|----|
| 220W | 6x | 470W | 6x | 1,0KW | 6x | 2,2KW | 6x | 4,7KW | 6x | 10KW | 6x |
| 22KW | 6x | 47KW | 6x | 100KW | 6x | 220KW | 6x | 470KW | 6x | 1,0MW | 6x |

Chip Trimmer

SMR-21

(1 Flap FL16/10) 16 Values / 160 Pieces
Chip-Cermet Trimmer - linear

Type/Brand: RVG4H - RVG4E / MURATA

Wattage: 0,1W

Tolerance: ±10%

Values-Quantities-Selection:

| | | | | | | | |
|---------|-----|----------|-----|----------|-----|---------|-----|
| 4H/100W | 10x | 4H/500W | 10x | 4H/1KW | 10x | 4H/5KW | 10x |
| 4H/10KW | 10x | 4H/50KW | 10x | 4H/100KW | 10x | 4H/1MW | 10x |
| 4E/220W | 10x | 4E/500W | 10x | 4E/1KW | 10x | 4E/5 KW | 10x |
| 4E/10KW | 10x | 4E/ 50KW | 10x | 4E/100KW | 10x | 4E/1MW | 10x |

Chip Metalfilm - Resistors 0603 & 0402**SBR-03**

(8 Stck CP-18) 144 Values (45 Pieces each) / 6.480 Pieces
Chip Resistors Thin Film

Type/Brand: MCT0603 / Vishay Beschlag

Wattage: 0,063W

Tolerance: ±1%

TC: 50ppm/°C

1 Value 0R00

143 Values IEC-Series E24 (±1%) from 10R to 10M (Exception: 9M1)

Binder: CCO-40 (Dimensions: 319x260x45)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 10R0 | 23R7 | 56R2 | 133R | 316R | 750R | 1K78 | 4K22 | 10K0 | 23K7 | 56K2 | 133K | 316K | 750K | 3M16 |
| 2 | 10R5 | 24R9 | 59R0 | 140R | 332R | 787R | 1K87 | 4K42 | 10K5 | 24K9 | 59K0 | 140K | 332K | 787K | 3M48 |
| 3 | 11R0 | 26R1 | 61R9 | 147R | 348R | 825R | 1K96 | 4K64 | 11K0 | 26K1 | 61K9 | 147K | 348K | 825K | 3M83 |
| 4 | 11R5 | 27R4 | 64R9 | 154R | 365R | 866R | 2K05 | 4K87 | 11K5 | 27K4 | 64K9 | 154K | 365K | 866K | 4M22 |
| 5 | 12R1 | 28R7 | 68R1 | 162R | 383R | 909R | 2K15 | 5K11 | 12K1 | 28K7 | 68K1 | 162K | 383K | 909K | 4M64 |
| 6 | 12R7 | 30R1 | 71R5 | 169R | 402R | 953R | 2K26 | 5K36 | 12K7 | 30K1 | 71K5 | 169K | 402K | 953K | 5M11 |
| 7 | 13R3 | 31R6 | 75R0 | 178R | 422R | 1K00 | 2K37 | 5K62 | 13K3 | 31K6 | 75K0 | 178K | 422K | 1M00 | 5M62 |
| 8 | 14R0 | 33R2 | 78R7 | 187R | 442R | 1K05 | 2K49 | 5K90 | 14K0 | 33K2 | 78K7 | 187K | 442K | 1M10 | 6M19 |
| 9 | 14R7 | 34R8 | 82R5 | 196R | 464R | 1K10 | 2K61 | 6K19 | 14K7 | 34K8 | 82K5 | 196K | 464K | 1M21 | 6M81 |
| 10 | 15R4 | 36R5 | 86R6 | 205R | 487R | 1K15 | 2K74 | 6K49 | 15K4 | 36K5 | 86K6 | 205K | 487K | 1M33 | 7M50 |
| 11 | 16R2 | 38R3 | 90R9 | 215R | 511R | 1K21 | 2K87 | 6K81 | 16K2 | 38K3 | 90K9 | 215K | 511K | 1M47 | 8M25 |
| 12 | 16R9 | 40R2 | 95R3 | 226R | 536R | 1K27 | 3K01 | 7K15 | 16K9 | 40K2 | 95K3 | 226K | 536K | 1M62 | 9M09 |
| 13 | 17R8 | 42R2 | 100R | 237R | 562R | 1K33 | 3K16 | 7K50 | 17K8 | 42K2 | 100K | 237K | 562K | 1M78 | 10M |
| 14 | 18R7 | 44R2 | 105R | 249R | 590R | 1K40 | 3K32 | 7K87 | 18K7 | 44K2 | 105K | 249K | 590K | 1M96 | |
| 15 | 19R6 | 46R4 | 110R | 261R | 619R | 1K47 | 3K48 | 8K25 | 19K6 | 46K4 | 110K | 261K | 619K | 2M15 | |
| 16 | 20R5 | 48R7 | 115R | 274R | 649R | 1K54 | 3K65 | 8K66 | 20K5 | 48K7 | 115K | 274K | 649K | 2M37 | |
| 17 | 21R5 | 51R1 | 121R | 287R | 681R | 1K62 | 3K83 | 9K09 | 21K5 | 51K1 | 121K | 287K | 681K | 2M61 | |
| 18 | 22R6 | 53R6 | 127R | 301R | 715R | 1K69 | 4K02 | 9K53 | 22K6 | 53K6 | 127K | 301K | 715K | 2M87 | 0R0 |
| | | | | | | | | | | | | | | | |
| | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

SBR-06

(15 Stck CP-18) 266 Values (45 Pieces each) / 11.970 Pieces
Dünnschicht-Chip-Widerstände

Type/Brand: MCT0603 / Vishay Beyschlag

Wattage: 0,063W

Tolerance: ±1%

TC: 50ppm/°C

Binder: CCO-40 (Dimensions: 319x260x45)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 10R0 | 23R7 | 56R2 | 133R | 316R | 750R | 1K78 | 4K22 | 10K0 | 23K7 | 56K2 | 133K | 316K | 750K | 3M16 |
| 2 | 10R5 | 24R9 | 59R0 | 140R | 332R | 787R | 1K87 | 4K42 | 10K5 | 24K9 | 59K0 | 140K | 332K | 787K | 3M48 |
| 3 | 11R0 | 26R1 | 61R9 | 147R | 348R | 825R | 1K96 | 4K64 | 11K0 | 26K1 | 61K9 | 147K | 348K | 825K | 3M83 |
| 4 | 11R5 | 27R4 | 64R9 | 154R | 365R | 866R | 2K05 | 4K87 | 11K5 | 27K4 | 64K9 | 154K | 365K | 866K | 4M22 |
| 5 | 12R1 | 28R7 | 68R1 | 162R | 383R | 909R | 2K15 | 5K11 | 12K1 | 28K7 | 68K1 | 162K | 383K | 909K | 4M64 |
| 6 | 12R7 | 30R1 | 71R5 | 169R | 402R | 953R | 2K26 | 5K36 | 12K7 | 30K1 | 71K5 | 169K | 402K | 953K | 5M11 |
| 7 | 13R3 | 31R6 | 75R0 | 178R | 422R | 1K00 | 2K37 | 5K62 | 13K3 | 31K6 | 75K0 | 178K | 422K | 1M00 | 5M62 |
| 8 | 14R0 | 33R2 | 78R7 | 187R | 442R | 1K05 | 2K49 | 5K90 | 14K0 | 33K2 | 78K7 | 187K | 442K | 1M10 | 6M19 |
| 9 | 14R7 | 34R8 | 82R5 | 196R | 464R | 1K10 | 2K61 | 6K19 | 14K7 | 34K8 | 82K5 | 196K | 464K | 1M21 | 6M81 |
| 10 | 15R4 | 36R5 | 86R6 | 205R | 487R | 1K15 | 2K74 | 6K49 | 15K4 | 36K5 | 86K6 | 205K | 487K | 1M33 | 7M50 |
| 11 | 15R2 | 38R3 | 90R9 | 215R | 511R | 1K21 | 2K87 | 6K81 | 16K2 | 38K3 | 90K9 | 215K | 511K | 1M47 | 8M25 |
| 12 | 16R9 | 40R2 | 95R3 | 226R | 536R | 1K27 | 3K01 | 7K15 | 16K9 | 40K2 | 95K3 | 226K | 536K | 1M62 | 9M09 |
| 13 | 17R8 | 42R2 | 100R | 237R | 562R | 1K33 | 3K16 | 7K50 | 17K8 | 42K2 | 100K | 237K | 562K | 1M78 | 10M |
| 14 | 18R7 | 44R2 | 105R | 249R | 590R | 1K40 | 3K32 | 7K87 | 18K7 | 44K2 | 105K | 249K | 590K | 1M96 | |
| 15 | 19R6 | 46R4 | 110R | 261R | 619R | 1K47 | 3K48 | 8K25 | 19K6 | 46K4 | 119K | 261K | 619K | 2M15 | |
| 16 | 20R5 | 48R7 | 115R | 274R | 649R | 1K54 | 3K65 | 8K66 | 20K5 | 48K7 | 115K | 274K | 649K | 2M37 | |
| 17 | 21R5 | 51R1 | 121R | 287R | 681R | 1K62 | 3K83 | 9K09 | 21K5 | 51K1 | 212K | 287K | 681K | 2M61 | |
| 18 | 22R6 | 53R6 | 127R | 301R | 715R | 1K69 | 4K02 | 9K53 | 22K6 | 53K6 | 127K | 301K | 715K | 2M87 | 0R0 |
| | | | | | | | | | | | | | | | |
| | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

SBR-09

(15 Stck CP-18) 265 Values (45 Pieces each) / 11.925 Pieces
Chip Resistors Thin Film

Type/Brand: MCT 0603 / Vishay Beyschlag

Wattage: 0,063W

Tolerance: ±1%

TC: 50ppm/°C

Binder: CCO-40 (Dimensions: 319x260x45)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 10R2 | 24R3 | 57R6 | 137R | 324R | 768R | 1K82 | 4K32 | 10K2 | 24K3 | 57K6 | 137K | 324K | 768K | 3M32 |
| 2 | 10R7 | 25R5 | 60R4 | 143R | 340R | 806R | 1K91 | 4K53 | 10K7 | 25K5 | 60K4 | 143K | 340K | 806K | 3M65 |
| 3 | 11R3 | 26R7 | 63R4 | 150R | 357R | 845R | 2K00 | 4K75 | 11K3 | 26K7 | 63K4 | 150K | 357K | 845K | 4M02 |
| 4 | 11R8 | 28R0 | 66R5 | 158R | 374R | 887R | 2K10 | 4K99 | 11K8 | 28K0 | 66K5 | 158K | 374K | 887K | 4M42 |
| 5 | 12R4 | 29R4 | 69R8 | 165R | 392R | 931R | 2K21 | 5K23 | 12K4 | 29K4 | 69K8 | 165K | 392K | 931K | 4M87 |
| 6 | 13R0 | 30R9 | 73R2 | 174R | 412R | 976R | 2K32 | 5K49 | 13K0 | 30K9 | 73K2 | 174K | 412K | 976K | 5M36 |
| 7 | 13R7 | 32R4 | 76R8 | 182R | 432R | 1K02 | 2K43 | 5K76 | 13K7 | 32K4 | 76K8 | 182K | 432K | 1M05 | 5M90 |
| 8 | 14R3 | 34R0 | 80R6 | 191R | 453R | 1K07 | 2K56 | 6K04 | 14K3 | 34K0 | 80K6 | 191K | 453K | 1M15 | 6M49 |
| 9 | 15R0 | 35R7 | 84R5 | 200R | 475R | 1K13 | 2K67 | 6K34 | 15K0 | 35K7 | 84K5 | 200K | 475K | 1M27 | 7M15 |
| 10 | 15R8 | 37R4 | 88R7 | 210R | 499R | 1K18 | 2K80 | 6K65 | 15K8 | 37K4 | 88K7 | 210K | 499K | 1M40 | 7M87 |
| 11 | 16R5 | 39R2 | 93R1 | 221R | 523R | 1K24 | 2K94 | 6K98 | 16K5 | 39K2 | 93K1 | 221K | 523K | 1M54 | 8M66 |
| 12 | 17R4 | 41R2 | 97R6 | 232R | 549R | 1K30 | 3K09 | 7K32 | 17K4 | 41K2 | 97K6 | 232K | 549K | 1M96 | 9M53 |
| 13 | 18R2 | 43R2 | 102R | 243R | 576R | 1K37 | 3K24 | 7K68 | 18K2 | 43K2 | 102K | 243K | 576K | 1M87 | |
| 14 | 19R1 | 45R3 | 107R | 255R | 604R | 1K43 | 3K40 | 8K06 | 19K1 | 45K3 | 107K | 255K | 604K | 2M05 | |
| 15 | 20R0 | 47R5 | 113R | 267R | 634R | 1K50 | 3K57 | 8K45 | 20K0 | 47K5 | 113K | 267K | 634K | 2M26 | |
| 16 | 21R0 | 49R9 | 118R | 280R | 665R | 1K58 | 3K74 | 8K87 | 21K0 | 49K9 | 118K | 260K | 665K | 2M49 | |
| 17 | 22R1 | 52R3 | 124R | 294R | 698R | 1K65 | 3K92 | 9K31 | 22K1 | 52K3 | 124K | 294K | 698K | 2M74 | |
| 18 | 23R2 | 54R9 | 130R | 309R | 732R | 1K74 | 4K12 | 9K76 | 23K2 | 54K9 | 130K | 309K | 732K | 3M01 | 0R0 |
| | | | | | | | | | | | | | | | |
| | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

SMR-06**Thickfilm-Chipresistors****Type/Brand:** 512-0 / Vitrohm**Tolerance:** ±1%**TC:** 100ppm/°C**Value Range:** 10Ω - 6,8KΩ (E12) 10KΩ - 1MΩ (E6)**Size:** 0402 (1,0x0,5x0,25mm)**Values-Quantities-Selection:**

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 10R | 195x | 12R | 105x | 15R | 195x | 18R | 105x | 22R | 195x | 27R | 105x |
| 33R | 195x | 39R | 105x | 47R | 195x | 56R | 105x | 68R | 195x | 82R | 105x |
| 100R | 195x | 120R | 105x | 150R | 195x | 180R | 105x | 220R | 195x | 270R | 105x |
| 330R | 195x | 390R | 105x | 470R | 195x | 560R | 105x | 680R | 195x | 820R | 105x |
| | | | | | | | | | | | |
| 1K | 195x | 1K2 | 105x | 1K5 | 195x | 1K8 | 105x | 2K2 | 195x | 2K7 | 105x |
| 3K3 | 195x | 3K9 | 105x | 4K7 | 195x | 5K6 | 105x | 6K8 | 195x | 10K | 195x |
| 15K | 195x | 22K | 195x | 33K | 195x | 47K | 195x | 68K | 195x | 100K | 195x |
| 150K | 195x | 220K | 195x | 330K | 195x | 470K | 195x | 680K | 195x | 1M0 | 195x |

Chip Metalfilm Resistors 0805 + 1206

SBR-12

(5 Flap FL24/10) 120 Values / 18.100 Pieces
Chip Resistors Thick Film

Type/Brand: RC0805 / Yageo Europe or alternative

Wattage: 0,125W

Tolerance: ±1%

TC: 100ppm/°C

Values: 10Ω - 1,0MΩ (E24)

Binder: CCO-50 (Dimensions: 316x260x55)

Values-Quantities Selection:

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 10R 195x | 11R 105x | 12R 195x | 13R 105x | 15R 195x | 16R 105x |
| 18R 195x | 20R 105x | 22R 195x | 24R 105x | 27R 195x | 30R 105x |
| 33R 195x | 36R 105x | 39R 195x | 43R 105x | 47R 195x | 51R 105x |
| 56R 195x | 62R 105x | 68R 195x | 75R 105x | 82R 195x | 91R 105x |
| | | | | | |
| 100R 195x | 110R 105x | 120R 195x | 130R 105x | 150R 195x | 160R 105x |
| 180R 195x | 200R 105x | 220R 195x | 240R 105x | 270R 195x | 300R 105x |
| 330R 195x | 360R 105x | 390R 195x | 430R 105x | 470R 195x | 510R 105x |
| 560R 195x | 620R 105x | 680R 195x | 750R 105x | 820R 195x | 910R 105x |
| | | | | | |
| 1K0 195x | 1K1 105x | 1K2 195x | 1K3 105x | 1K5 195x | 1K6 105x |
| 1K8 195x | 2K0 105x | 2K2 195x | 2K4 105x | 2K7 195x | 3K0 105x |
| 3K3 195x | 3K6 105x | 3K9 195x | 4K3 105x | 4K7 195x | 5K1 105x |
| 5K6 195x | 6K2 105x | 6K8 195x | 7K5 105x | 8K2 195x | 9K1 105x |
| | | | | | |
| 10K 195x | 11K 105x | 12K 195x | 13K 105x | 15K 195x | 16K 105x |
| 18K 195x | 20K 105x | 22K 195x | 24K 105x | 27K 195x | 30K 105x |
| 33K 195x | 36K 105x | 39K 195x | 43K 105x | 47K 195x | 51K 105x |
| 56K 195x | 62K 105x | 68K 195x | 75K 105x | 82K 195x | 91K 105x |
| | | | | | |
| 100K 195x | 110K 105x | 120K 195x | 130K 105x | 150K 195x | 160K 105x |
| 180K 195x | 200K 105x | 220K 195x | 240K 105x | 270K 195x | 300K 105x |
| 330K 195x | 360K 105x | 390K 195x | 430K 105x | 470K 195x | 510K 105x |
| 560K 195x | 620K 105x | 680K 195x | 750K 105x | 820K 195x | 1M0 195x |

SBR-13

(11 Flap FL24/10) 264 Values / 15.840 Pieces
Chip Resistor

Type/Brand: RC0805 / Yageo Europe or alternative

Wattage: 0,125W

Tolerance: ±1%

TC: 100ppm/°C

Values: 10Ω - 10MΩ (E48) (except 9M09)

Quantity: 60 Pieces/Value

Size: 0805

Binder: 2 x CCO-70 (Dimension 318x260x70)

SBR-14

(11 Flap FL24/10) 264 Values / 15.840 Pieces
Chip Resistor

Type/Brand: RC0805 / Yageo Europe or alternative

Wattage: 0,125W

Tolerance: ±1%

TC: 100ppm/°C

Values: 10Ω - 10MΩ (E48) (except 7M87)

Quantity: 60 Pieces/Value

Size: 0805

Binder: 2 x CCO-70 (Dimension 318x260x70)

This assortment fulfills the E-96 Series in addition to SBR-13

SMR-01

(3 Flap FL24/10) 72 Values / 11.850 Pieces
Chip Resistor

Type/Brand: RC1206 / Yageo Europe or alternative

Wattage: 0,25W at +70°C

Tolerance: ±1%

TC: 100ppm/°C

Values: 1,0Ω -6,8MΩ (E12)

Size: 1206 (3,2x1,5x0,6mm)

Binder: CCO-40 (Dimensions: 319x260x45)

Values-Quantities Selection:

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1R0 | 120x | 1R5 | 120x | 2R2 | 120x | 3R3 | 120x | 4R7 | 120x | 6R8 | 120x |
| 10 | 150x | 12 | 105x | 15 | 150x | 18 | 105x | 22 | 150x | 27 | 105x |
| 33 | 150x | 39 | 105x | 47 | 150x | 56 | 105x | 68 | 150x | 82 | 105x |
| 100 | 210x | 120 | 150x | 150 | 210x | 180 | 150x | 220 | 210x | 270 | 150x |
| | | | | | | | | | | | |
| 330 | 210x | 390 | 150x | 470 | 210x | 560 | 150x | 680 | 210x | 820 | 150x |
| 1K0 | 210x | 1K2 | 150x | 1K5 | 210x | 1K8 | 150x | 2K2 | 210x | 2K7 | 150x |
| 3K3 | 210x | 3K9 | 150x | 4K7 | 210x | 5K6 | 150x | 6K8 | 210x | 8K2 | 150x |
| 10K | 210x | 12K | 150x | 15K | 210x | 18K | 150x | 22K | 210x | 27K | 150x |
| | | | | | | | | | | | |
| 33K | 210x | 39K | 150x | 47K | 210x | 56K | 150x | 68K | 210x | 82K | 150x |
| 100K | 210x | 120K | 150x | 150K | 210x | 180K | 150x | 220K | 210x | 270K | 150x |
| 330K | 210x | 390K | 150x | 470K | 210x | 560K | 150x | 680K | 210x | 820K | 150x |
| 1M0 | 210x | 1M5 | 150x | 2M2 | 150x | 3M3 | 150x | 4M7 | 150x | 6M8 | 150x |

SMR-0148

(11 Flap FL24/10) 264 Values / 15.840 Pieces
Chip Resistor

Type/Brand: RC1206 / Yageo Europe or alternative

Wattage: 0,25W

Tolerance: ±1%

TC: 100ppm/°C

Values: 10Ω -10MΩ (E48) (except 9M09)

Quantity: 60 Pieces/Value

Size: 1206

Binder: 2 x CCO-70 (Dimension 318x260x70)

SMR-0196

(11 Flap FL24/10) 264 Valueese / 15.840 Pieces
Chip Resistor

Type/Brand: RC1206 / Yageo Europe or alternative

Wattage: 0,25W

Tolerance: ±1%

TC: 100ppm/°C

Values: 10Ω -10MΩ (Supplement to E-96) (except 7M87)

Quantity: 60 Pieces/Value

Size: 1206

Binder: 2 x CCO-70 (Dimension 318x260x70)

This assortment fulfills the E-96 Series in addition to SMR-0148

SMR-03

(6 Flap FL24/10) 144 Values / 16.260 Pieces
Chip Resistor

Type/Brand: RC1206 / Yageo Europe or alternative

Wattage: 0,25W at +70°C

Tolerance: ±1%

TC: 100ppm/°C

Values: 1,0MΩ - 10MΩ (E24)

Size: 1206 (3,2x1,5x0,6mm)

Binder: 2x CCO-40 (Dimensions: 319x260x45)

Values-Quantities-Selection:

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|-----|------|------|------|------|
| 1R0 | 105x | 1R1 | 60x | 1R2 | 60x | 1R3 | 60x | 1R5 | 105x | 1R6 | 60x |
| 1R8 | 60x | 2R | 105x | 2R2 | 60x | 2R4 | 60x | 2R7 | 60x | 3R0 | 60x |
| 3R3 | 105x | 3R6 | 60x | 3R9 | 60x | 4R3 | 60x | 4R7 | 105x | 5R1 | 60x |
| 5R6 | 60x | 6R2 | 60x | 6R8 | 105x | 7R5 | 60x | 8R2 | 60x | 9R1 | 60x |
| | | | | | | | | | | | |
| 10 | 150x | 11 | 60x | 12 | 105x | 13 | 60x | 15 | 150x | 16 | 60x |
| 18 | 105x | 20 | 60x | 22 | 150x | 24 | 60x | 27 | 105x | 30 | 60x |
| 33 | 150x | 36 | 60x | 39 | 105x | 43 | 60x | 47 | 150x | 51 | 60x |
| 56 | 105x | 62 | 60x | 68 | 150x | 75 | 60x | 82 | 105x | 91 | 60x |
| | | | | | | | | | | | |
| 100 | 210x | 110 | 60x | 120 | 105x | 130 | 60x | 150 | 210x | 160 | 60x |
| 180 | 105x | 200 | 60x | 220 | 210x | 240 | 60x | 270 | 105x | 300 | 60x |
| 330 | 210x | 360 | 60x | 390 | 105x | 430 | 60x | 470 | 210x | 510 | 60x |
| 560 | 105x | 620 | 60x | 680 | 210x | 750 | 60x | 820 | 105x | 910 | 60x |
| | | | | | | | | | | | |
| 1K0 | 210x | 1K1 | 60x | 1K2 | 105x | 1K3 | 60x | 1K5 | 210x | 1K6 | 60x |
| 1K8 | 105x | 2K0 | 60x | 2K2 | 210x | 2K4 | 60x | 2K7 | 105x | 3K0 | 60x |
| 3K3 | 210x | 3K6 | 60x | 3K9 | 105x | 4K3 | 60x | 4K7 | 210x | 5K1 | 60x |
| 5K6 | 105x | 6K2 | 60x | 6K8 | 210x | 7K5 | 60x | 8K2 | 105x | 9K1 | 60x |
| | | | | | | | | | | | |
| 10K | 210x | 11K | 60x | 12K | 105x | 13K | 60x | 15K | 210x | 16K | 60x |
| 18K | 105x | 20K | 60x | 22K | 210x | 24K | 60x | 27K | 105x | 30K | 60x |
| 33K | 210x | 36K | 60x | 39K | 105x | 43K | 60x | 47K | 210x | 51K | 60x |
| 56K | 105x | 62K | 60x | 68K | 210x | 75K | 60x | 82K | 105x | 91K | 60x |
| | | | | | | | | | | | |
| 100K | 210x | 110K | 60x | 120K | 105x | 130K | 60x | 150K | 210x | 160K | 60x |
| 180K | 105x | 200K | 60x | 220K | 210x | 240K | 60x | 270K | 105x | 300K | 60x |
| 330K | 210x | 360K | 60x | 390K | 105x | 430K | 60x | 470K | 210x | 510K | 60x |
| 560K | 105x | 620K | 60x | 680K | 210x | 750K | 60x | 820K | 105x | 910K | 60x |
| | | | | | | | | | | | |
| 1M0 | 210x | 1M1 | 60x | 1M2 | 60x | 1M3 | 60x | 1M5 | 105x | 1M6 | 60x |
| 1M8 | 60x | 2M0 | 60x | 2M2 | 105x | 2M4 | 60x | 2M7 | 60x | 3M0 | 60x |
| 3M3 | 105x | 3M6 | 60x | 3M9 | 60x | 4M3 | 60x | 4M7 | 105x | 5M1 | 60x |
| 5M6 | 60x | 6M2 | 60x | 6M8 | 105x | 7M5 | 60x | 8M2 | 60x | 10M | 105x |

Chip Metalfilm Resistors Mini-Melf

SBR-02

(10 Stck CP-18) 177 Values (45 Pieces each) / 7.965 Pieces
Chip Resistors Mini-Melf

Type/Brand: MMA 0204 / Vishay Beyschlag

Wattage: 0,25W

Tolerance: $\pm 5\%$ / $\pm 1\%$

TC: 50ppm/°C

1 Value 0R00
8 Values IEC-Series E12 ($\pm 5\%$) from 0R22 to 0R82
12 Values IEC-Series E12 ($\pm 1\%$) from 1R0 to 8R2
138 Values IEC-Series E24 ($\pm 1\%$) from 10R to 10M
18 Values IEC-Series E 6 ($\pm 1\%$) from 4R7 to 470R (MMA 0204 HF)

Binder: CCO-40 (Dimensions: 319x260x45)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---------|-----|------|------|-----|-----|------|------|-----|------|
| 1 | | 3R3 | 33R | 180R | 1K0 | 5K6 | 33K | 180K | 1M0 | 4R7 |
| 2 | 0R0 | 3R9 | 36R | 200R | 1K1 | 6K2 | 36K | 200K | 1M1 | 6R8 |
| 3 | | 4R7 | 39R | 220R | 1K2 | 6K8 | 39K | 220K | 1M2 | 10R |
| 4 | | 5R6 | 43R | 240R | 1K3 | 7K5 | 43K | 240K | 1M3 | 15R |
| 5 | 0R22 | 6R8 | 47R | 270R | 1K5 | 8K2 | 47K | 270K | 1M5 | 22R |
| 6 | 0R27 | 8R2 | 51R | 300R | 1K6 | 9K1 | 51K | 300K | 1M6 | 33R |
| 7 | 0R33 | 10R | 56R | 330R | 1K8 | 10K | 56K | 330K | 1M8 | 47R |
| 8 | 0R39 | 11R | 62R | 360R | 2K0 | 11K | 62K | 360K | 2M0 | 50R |
| 9 | 0R47 | 12R | 68R | 390R | 2K2 | 12K | 68K | 390K | 2M2 | 60R |
| 10 | 0R56 | 13R | 75R | 430R | 2K4 | 13K | 75K | 430K | 2M4 | 68R |
| 11 | 0R68 | 15R | 82R | 470R | 2K7 | 15K | 82K | 470K | 2M7 | 75R |
| 12 | 0R82 | 16R | 91R | 510R | 3K0 | 16K | 91K | 510K | 3M3 | 100R |
| 13 | 1R0 | 18R | 100R | 560R | 3K3 | 18K | 100K | 560K | 3M9 | 120R |
| 14 | 1R2 | 20R | 110R | 620R | 3K6 | 20K | 110K | 620K | 4M7 | 150R |
| 15 | 1R5 | 22R | 120R | 680R | 3K9 | 22K | 120K | 680K | 5M6 | 220R |
| 16 | 1R8 | 24R | 130R | 750R | 4K3 | 24K | 130K | 750K | 6M8 | 240R |
| 17 | 2R2 | 27R | 150R | 820R | 4K7 | 27K | 150K | 820K | 8M2 | 330R |
| 18 | 2R7 | 30R | 160R | 910R | 5K1 | 30K | 160K | 910K | 10M | 470R |
| | 1% / 5% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | HF |

SBR-05

(17 Stck CP-18) 298 Values (45 Pieces each) / 13.410 Pieces
Chip Resistors Mini-Melf

Type/Brand: MMA 0204 / Vishay Beyschlag

Wattage: 0,2W

Tolerance: ±5% / ±2% / ±1%

TC: 50ppm/°C

Binder: CCO-50 (Dimensions: 316x260x55)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0R0 | 1R78 | 10R0 | 23R7 | 56R2 | 133R | 316R | 750R | 1K78 | 4K22 | 10K0 | 23K7 | 56K2 | 133K | 316K | 750K | 3M16 |
| 2 | --- | 1R96 | 10R5 | 24R9 | 59R0 | 140R | 332R | 787R | 1K87 | 4K42 | 10K5 | 24K9 | 59K0 | 140K | 332K | 787K | 3M48 |
| 3 | --- | 2R15 | 11R0 | 26R1 | 61R9 | 147R | 348R | 825R | 1K96 | 4K64 | 11K0 | 26K1 | 61K9 | 147K | 348K | 825K | 3M83 |
| 4 | --- | 2R37 | 11R5 | 27R4 | 64R9 | 154R | 365R | 866R | 2K05 | 4K87 | 11K5 | 27K4 | 64K9 | 154K | 365K | 866K | 4M22 |
| 5 | 0R22 | 2R61 | 12R1 | 28R7 | 68R1 | 162R | 383R | 909R | 2K15 | 5K11 | 12K1 | 28K7 | 68K1 | 162K | 383K | 909K | 4M64 |
| 6 | 0R27 | 2R87 | 12R7 | 30R1 | 71R5 | 169R | 402R | 953R | 2K26 | 5K36 | 12K7 | 30K1 | 71K5 | 169K | 402K | 953K | 5M11 |
| 7 | 0R33 | 3R16 | 13R3 | 31R6 | 75R0 | 178R | 422R | 1K00 | 2K37 | 5K62 | 13K3 | 31K6 | 75K0 | 178K | 422K | 1M00 | 5M62 |
| 8 | 0R39 | 3R48 | 14R0 | 33R2 | 78R7 | 187R | 442R | 1K05 | 2K49 | 5K90 | 14K0 | 33K2 | 78K7 | 187K | 442K | 1M10 | 6M19 |
| 9 | 0R47 | 3R83 | 14R7 | 34R8 | 82R5 | 196R | 464R | 1K10 | 2K61 | 6K19 | 14K7 | 34K8 | 82K5 | 196K | 464K | 1M21 | 6M81 |
| 10 | 0R56 | 4R22 | 15R4 | 36R5 | 86R6 | 205R | 487R | 1K15 | 2K74 | 6K49 | 15K4 | 36K5 | 86K6 | 205K | 487K | 1M33 | 7M50 |
| 11 | 0R68 | 4R64 | 16R2 | 38R3 | 90R9 | 215R | 511R | 1K21 | 2K87 | 6K81 | 16K2 | 38K3 | 90K9 | 215K | 511K | 1M47 | 8M25 |
| 12 | 0R82 | 5R11 | 16R9 | 40R2 | 95R3 | 226R | 536R | 1K27 | 3K01 | 7K15 | 16K9 | 40K2 | 95K3 | 226K | 536K | 1M62 | 9M09 |
| 13 | 1R00 | 5R62 | 17R8 | 42R2 | 100R | 237R | 562R | 1K33 | 3K16 | 7K50 | 17K8 | 42K2 | 100K | 237K | 562K | 1M78 | 10M0 |
| 14 | 1R10 | 6R19 | 18R7 | 44R2 | 105R | 249R | 590R | 1K40 | 3K32 | 7K87 | 18K7 | 44K2 | 105K | 249K | 590K | 1M96 | |
| 15 | 1R21 | 6R81 | 19R6 | 46R4 | 110R | 261R | 619R | 1K47 | 3K48 | 8K25 | 19K6 | 46K4 | 110K | 261K | 619K | 2M15 | |
| 16 | 1R33 | 7R50 | 20R5 | 48R7 | 115R | 274R | 649R | 1K54 | 3K65 | 8K66 | 20K5 | 48K7 | 115K | 274K | 649K | 2M37 | |
| 17 | 1R47 | 8R25 | 21R5 | 51R1 | 121R | 287R | 681R | 1K62 | 3K83 | 9K09 | 21K5 | 51K1 | 121K | 287K | 681K | 2M61 | |
| 18 | 1R62 | 9R09 | 22R6 | 53R6 | 127R | 301R | 715R | 1K69 | 4K02 | 9K53 | 22K6 | 53K6 | 127K | 301K | 715K | 2M87 | |
| | | | | | | | | | | | | | | | | | |
| | 5%/2% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

SBR-08

(17 Stck CP-18) 297 Values (45 Pieces each) / 13.365 Pieces
Chip Resistors Mini-Melf

Type/Brand: MMA 0204 / Vishay Beyschlag

Wattage: 0,2W

Tolerance: ±5% / ±2% / ±1%

TC: 50ppm/°C

Binder: CCO-50 (Dimensions: 316x260x55)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|----|-------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|
| 1 | 0R0 | 1R87 | 10R2 | 24R3 | 57R6 | 137R | 324R | 768R | 1K82 | 4K32 | 10K2 | 24K3 | 57K6 | 137K | 324K | 768K | 3M32 |
| 2 | | 2R05 | 10R7 | 25R5 | 60R4 | 143R | 340R | 806R | 1K91 | 4K53 | 10K7 | 25K5 | 60K4 | 143K | 340K | 806K | 3M65 |
| 3 | | 2R26 | 11R3 | 26R7 | 63R4 | 150R | 357R | 845R | 2K00 | 4K75 | 11K3 | 26K7 | 63K4 | 150K | 357K | 845K | 4M02 |
| 4 | | 2R49 | 11R8 | 28R0 | 66R5 | 158R | 374R | 887R | 2K10 | 4K99 | 11K8 | 28K0 | 66K5 | 158K | 374K | 887K | 4M42 |
| 5 | 0R24 | 2R74 | 12R4 | 29R4 | 69R8 | 165R | 392R | 931R | 2K21 | 5K23 | 12K4 | 29K4 | 69K8 | 165K | 392K | 931K | 4M87 |
| 6 | 0R30 | 3R01 | 13R0 | 30R9 | 73R2 | 174R | 412R | 976R | 2K32 | 5K49 | 13K0 | 30K9 | 73K2 | 174K | 412K | 976K | 5M36 |
| 7 | 0R36 | 3R32 | 13R7 | 32R4 | 76R8 | 182R | 432R | 1K02 | 2K43 | 5K76 | 13K7 | 32K4 | 76K8 | 182K | 432K | 1M05 | 5M90 |
| 8 | 0R43 | 3R65 | 14R3 | 34R0 | 80R6 | 191R | 453R | 1K07 | 2K55 | 6K04 | 14K3 | 34K0 | 80K6 | 191K | 453K | 1M15 | 6M49 |
| 9 | 0R51 | 4R02 | 15R0 | 35R7 | 84R5 | 200R | 475R | 1K13 | 2K67 | 6K34 | 15K0 | 35K7 | 84K5 | 200K | 475K | 1M27 | 7M15 |
| 10 | 0R62 | 4R42 | 15R8 | 37R4 | 88R7 | 210R | 499R | 1K18 | 2K80 | 6K65 | 15K8 | 37K4 | 88K7 | 210K | 499K | 1M40 | 7M87 |
| 11 | 0R75 | 4R87 | 16R5 | 39R2 | 93R1 | 221R | 523R | 1K24 | 2K94 | 6K98 | 16K5 | 39K2 | 93K1 | 221K | 523K | 1M54 | 8M66 |
| 12 | 0R91 | 5R36 | 17R4 | 41R2 | 97R6 | 232R | 549R | 1K30 | 3K09 | 7K32 | 17K4 | 41K2 | 97K6 | 232K | 549K | 1M69 | 9M53 |
| 13 | 1R05 | 5R90 | 18R2 | 43R2 | 102R | 243R | 576R | 1K37 | 3K24 | 7K68 | 18K2 | 43K2 | 102K | 243K | 576K | 1M87 | |
| 14 | 1R15 | 6R49 | 19R1 | 45R3 | 107R | 255R | 604R | 1K43 | 3K40 | 8K06 | 19K1 | 45K3 | 107K | 255K | 604K | 2M05 | |
| 15 | 1R27 | 7R15 | 20R0 | 47R5 | 113R | 267R | 634R | 1K50 | 3K57 | 8K45 | 20K0 | 47K5 | 113K | 267K | 634K | 2M26 | |
| 16 | 1R40 | 7R67 | 21R0 | 49R9 | 118R | 280R | 665R | 1K58 | 3K74 | 8K87 | 21K0 | 49K9 | 118K | 280K | 665K | 2M49 | |
| 17 | 1R54 | 8R66 | 22R1 | 52R3 | 124R | 294R | 698R | 1K65 | 3K92 | 9K31 | 22K1 | 52K3 | 124K | 294K | 698K | 2M74 | |
| 18 | 1R69 | 9R53 | 23R2 | 54R9 | 130R | 309R | 732R | 1K74 | 4K12 | 9K76 | 23K2 | 54 Ü€ | 130K | 309K | 732K | 3M01 | |
| | | | | | | | | | | | | | | | | | |
| | 5%/2% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

Chip Metalfilm Resistors Micro-Melf

SBR-01

(10 Stck CP-18) 167 Values (45 Pieces each) / 7.515 Pieces
Chip Resistors Micro-Melf

Type/Brand: MMU 0102 / Vishay Beyschlag

Wattage: 0,2 W 0,2 W

Tolerance: $\pm 5\%$ / $\pm 2\%$ / $\pm 1\%$

TC: 50ppm/°C

1 Value 0R00
8 Values IEC-Series E12 ($\pm 5\%$) from 0R22 to 0R82
12 Values IEC-Series E12 ($\pm 2\%$) from 1R0 to 8R2
129 Values IEC-Series E24 ($\pm 1\%$) from 10R to 2M2
17 Values IEC-Series E 6 ($\pm 2\%$) from 6R8 to 470R (MMU 0102 HF)

Binder: CCO-40 (Dimensions: 319x260x45)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---------|---------|------|------|-----|-----|------|------|-----|------|
| 1 | | 3R3 | 33R | 180R | 1K0 | 5K6 | 33K | 180K | 1M0 | |
| 2 | 0R0 | 3R9 | 36R | 200R | 1K1 | 6K2 | 36K | 200K | 1M1 | 6R8 |
| 3 | | 4R7 | 39R | 220R | 1K2 | 6K8 | 39K | 220K | 1M2 | 10R |
| 4 | | 5R6 | 43R | 240R | 1K3 | 7K5 | 43K | 240K | 1M3 | 15R |
| 5 | 0R22 | 6R8 | 47R | 270R | 1K5 | 8K2 | 47K | 270K | 1M5 | 22R |
| 6 | 0R27 | 8R2 | 51R | 300R | 1K6 | 9K1 | 51K | 300K | 1M6 | 33R |
| 7 | 0R33 | 10R | 56R | 330R | 1K8 | 10K | 56K | 330K | 1M8 | 47R |
| 8 | 0R39 | 11R | 62R | 360R | 2K0 | 11K | 62K | 360K | 2M0 | 50R |
| 9 | 0R47 | 12R | 68R | 390R | 2K2 | 12K | 68K | 390K | 2M2 | 60R |
| 10 | 0R56 | 13R | 75R | 430R | 2K4 | 13K | 75K | 430K | | 68R |
| 11 | 0R68 | 15R | 82R | 470R | 2K7 | 15K | 82K | 470K | | 75R |
| 12 | 0R82 | 16R | 91R | 510R | 3K0 | 16K | 91K | 510K | | 100R |
| 13 | 1R0 | 18R | 100R | 560R | 3K3 | 18K | 100K | 560K | | 120R |
| 14 | 1R2 | 20R | 110R | 620R | 3K6 | 20K | 110K | 620K | | 150R |
| 15 | 1R5 | 22R | 120R | 680R | 3K9 | 22K | 120K | 680K | | 220R |
| 16 | 1R8 | 24R | 130R | 750R | 4K3 | 24K | 130K | 750K | | 240R |
| 17 | 2R2 | 27R | 150R | 820R | 4K7 | 27K | 150K | 820K | | 330R |
| 18 | 2R7 | 30R | 160R | 910R | 5K1 | 30K | 160K | 910K | | 470R |
| | | | | | | | | | | |
| | 2% / 5% | 2% / 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | HF |

SBR-04

(15 Stck CP-18) 266 Values (45 Pieces each) / 11.970 Pieces
Chip Resistors Micro-Melf

Type/Brand: MMU 0102 / Vishay Beyschlag

Wattage: 0,2W

Tolerance: ±5% / ±2% / ±1%

TC: 50ppm/°C

Binder: CCO-50 (Dimensions: 316x260x55)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0R0 | 10R0 | 23R7 | 56R2 | 133R | 316R | 750R | 1K78 | 4K22 | 10K0 | 23K7 | 56K2 | 133K | 316K | 750K |
| 2 | | 10R5 | 24R9 | 59R0 | 140R | 332R | 787R | 1K87 | 4K42 | 10K5 | 24K9 | 59K0 | 140K | 332K | 787K |
| 3 | 0R22 | 11R0 | 26R1 | 61R9 | 147R | 348R | 825R | 1K96 | 4K64 | 11K0 | 26K1 | 61K9 | 147K | 348K | 825K |
| 4 | 0R33 | 11R5 | 27R4 | 64R9 | 154R | 365R | 866R | 2K05 | 4K87 | 11K5 | 27K4 | 64K9 | 154K | 365K | 866K |
| 5 | 0R47 | 12R1 | 28R7 | 68R1 | 162R | 383R | 909R | 2K15 | 5K11 | 12K1 | 28K7 | 68K1 | 162K | 383K | 909K |
| 6 | 0R68 | 12R7 | 30R1 | 71R5 | 169R | 402R | 953R | 2K26 | 5K36 | 12K7 | 30K1 | 71K5 | 169K | 402K | 953K |
| 7 | 1R0 | 13R3 | 31R6 | 75R0 | 178R | 422R | 1K00 | 2K37 | 5K62 | 13K3 | 31K6 | 75K0 | 178K | 422K | 1M00 |
| 8 | 1R2 | 14R0 | 33R2 | 78R7 | 187R | 442R | 1K05 | 2K49 | 5K90 | 14K0 | 33K2 | 78K7 | 187K | 442K | 1M10 |
| 9 | 1R5 | 14R7 | 34R8 | 82R5 | 196R | 464R | 1K10 | 2K61 | 6K19 | 14K7 | 34K8 | 82K5 | 196K | 464K | 1M21 |
| 10 | 1R8 | 15R4 | 36R5 | 86R6 | 205R | 487R | 1K15 | 2K74 | 6K49 | 15K4 | 36K5 | 86K6 | 205K | 487K | 1M33 |
| 11 | 2R2 | 16R2 | 38R3 | 90R9 | 215R | 511R | 1K21 | 2K87 | 6K81 | 16K2 | 38K3 | 90K9 | 215K | 511K | 1M47 |
| 12 | 2R7 | 16R9 | 40R2 | 95R3 | 226R | 536R | 1K27 | 3K01 | 7K15 | 16K9 | 40K2 | 95K3 | 226K | 536K | 1M62 |
| 13 | 3R3 | 17R8 | 42R2 | 100R | 237R | 562R | 1K33 | 3K16 | 7K50 | 17K8 | 42K2 | 100K | 237K | 562K | 1M78 |
| 14 | 3R9 | 18R7 | 44R2 | 105R | 249R | 590R | 1K40 | 3K32 | 7K87 | 18K7 | 44K2 | 105K | 249K | 590K | 1M96 |
| 15 | 4R7 | 19R6 | 46R4 | 110R | 261R | 619R | 1K47 | 3K48 | 8K25 | 19K6 | 46K4 | 110K | 261K | 619K | 2M15 |
| 16 | 5R6 | 20R5 | 48R7 | 115R | 274R | 649R | 1K54 | 3K65 | 8K66 | 20K5 | 48K7 | 115K | 274K | 649K | |
| 17 | 6R8 | 21R5 | 51R1 | 121R | 287R | 681R | 1K62 | 3K83 | 9K09 | 21K5 | 51K1 | 121K | 287K | 681K | |
| 18 | 8R2 | 22R6 | 53R6 | 127R | 301R | 715R | 1K69 | 4K02 | 9K53 | 22K6 | 53K6 | 127K | 301K | 715K | |
| | | | | | | | | | | | | | | | |
| | 5%/2% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |

SBR-07

(15 Stck CP-18) 266 Values (45 Pieces each) / 11.970 Pieces
Chip Resistors Micro-Melf

Type/Brand: MMU 0102 / Vishay Beyschlag

Wattage: 0,2W

Tolerance: ±5% / ±2% / ±1%

TC: 50ppm/°C

Binder: CCO-50 (Dimensions: 316x260x55)

Chip Package No.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0R0 | 10R2 | 24R3 | 57R6 | 137R | 324R | 768R | 1K82 | 4K32 | 10K2 | 24K3 | 57K6 | 137K | 324K | 768K |
| 2 | | 10R7 | 25R5 | 60R4 | 143R | 340R | 806R | 1K91 | 4K53 | 10K7 | 25K5 | 60K4 | 143K | 340K | 806K |
| 3 | 0R27 | 11R3 | 26R7 | 63R4 | 150R | 357R | 845R | 2K00 | 4K75 | 11K3 | 26K7 | 63K4 | 150K | 357K | 845K |
| 4 | 0R39 | 11R8 | 28R0 | 66R5 | 158R | 374R | 887R | 2K10 | 4K99 | 11K8 | 28K0 | 66K5 | 158K | 374K | 887K |
| 5 | 0R56 | 12R4 | 29R4 | 69R8 | 165R | 392R | 931R | 2K21 | 5K23 | 12K4 | 29K4 | 69K8 | 165K | 392K | 931K |
| 6 | 0R82 | 13R0 | 30R9 | 73R2 | 174R | 412R | 976R | 2K32 | 5K49 | 13K0 | 30K9 | 73K2 | 174K | 412K | 976K |
| 7 | 1R1 | 13R7 | 32R4 | 76R8 | 182R | 432R | 1K02 | 2K43 | 5K76 | 13K7 | 32K4 | 76K8 | 182K | 432K | 1M05 |
| 8 | 1R3 | 14R3 | 34R0 | 80R6 | 191R | 453R | 1K07 | 2K56 | 6K04 | 14K3 | 34K0 | 80K6 | 191K | 453K | 1M15 |
| 9 | 1R6 | 15R0 | 35R7 | 84R5 | 200R | 475R | 1K13 | 2K67 | 6K34 | 15K0 | 35K7 | 84K5 | 200K | 475K | 1M27 |
| 10 | 2R0 | 15R8 | 37R4 | 88R7 | 210R | 499R | 1K18 | 2K80 | 6K65 | 15K8 | 37K4 | 88K7 | 210K | 499K | 1M40 |
| 11 | 2R4 | 16R5 | 39R2 | 93R1 | 221R | 523R | 1K24 | 2K94 | 6K98 | 16K5 | 39K2 | 93K1 | 221K | 523K | 1M54 |
| 12 | 3R0 | 17R4 | 41R2 | 97R6 | 232R | 549R | 1K30 | 3K09 | 7K32 | 17K4 | 41K2 | 97K6 | 232K | 549K | 1M96 |
| 13 | 3R6 | 18R2 | 43R2 | 102R | 243R | 576R | 1K37 | 3K24 | 7K68 | 18K2 | 43K2 | 102K | 243K | 576K | 1M87 |
| 14 | 4R3 | 19R1 | 45R3 | 107R | 255R | 604R | 1K43 | 3K40 | 8K06 | 19K1 | 45K3 | 107K | 255K | 604K | 2M05 |
| 15 | 5R1 | 20R0 | 47R5 | 113R | 267R | 634R | 1K50 | 3K57 | 8K45 | 20K0 | 47K5 | 113K | 267K | 634K | 2M21 |
| 16 | 6R2 | 21R0 | 49R9 | 118R | 280R | 665R | 1K58 | 3K74 | 8K87 | 21K0 | 49K9 | 118K | 260K | 665K | |
| 17 | 7R5 | 22R1 | 52R3 | 124R | 294R | 698R | 1K65 | 3K92 | 9K31 | 22K1 | 52K3 | 124K | 294K | 698K | |
| 18 | 9R1 | 23R2 | 54R9 | 130R | 309R | 732R | 1K74 | 4K12 | 9K76 | 23K2 | 54K9 | 130K | 309K | 732K | |
| | | | | | | | | | | | | | | | |
| | 5%/2% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% | 1% |