

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

(6 Flap FL24/10) 144 Values / 6.480 Pieces)  
Chip Resistors Thin Film

Type/Brand: MCT0603 / Vishay Beschlag

Wattage: 0,063W

Tolerance: ±1%

TC: 50ppm/°C

Binder: CCO-70 (Dimensions: 318x260x70)

1 Value OR00  
143 Values IEC-Series E24 (±1%) from 10R to 10M (Exception: 9M1)

**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%   |

REV: 21.05.2014

**SBR-0301****(1 Flap FL24/10) 24 Values / 1.080 Pieces**  
**Chip Resistors Thin Film****Type/Brand:** MCT 0603 / BEYSCHLAG**Wattage:** 0,063W**Tolerance:** ±1%**TC:** 50ppm/°C**Values-Quantities Selection:**

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1R0 | 45x | 1R1 | 45x | 1R2 | 45x | 1R3 | 45x | 1R5 | 45x | 1R6 | 45x |
| 1R8 | 45x | 2R0 | 45x | 2R2 | 45x | 2R4 | 45x | 2R7 | 45x | 3R0 | 45x |
| 3R3 | 45x | 3R6 | 45x | 3R9 | 45x | 4R3 | 45x | 4R7 | 45x | 5R1 | 45x |
| 5R6 | 45x | 6R2 | 45x | 6R8 | 45x | 7R5 | 45x | 8R2 | 45x | 9R1 | 45x |

REV: 21.05.2014

**SMR-06**

**(2 Flap FL24/10) 48 Values / 8.550 Pieces**  
**Thickfilm-Chipresistors**

**Type/Brand:** RTT02 (RTR02) Fab. Ralec or alternative  
**Tolerance:** ±1%  
**TC:** 100ppm/°C  
**Value Range:** 10 Ohm - 6,8 KOhm (E12) 10 KOhm - 1 MOhm (E6)  
**Size:** 0402 (1,0x0,5x0,25mm)

**Values-Quantities-Selection:**

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 10   | 207x | 12   | 115x | 15   | 207x | 18   | 115x | 22   | 207x | 27   | 115x |
| 33   | 207x | 39   | 115x | 47   | 207x | 56   | 115x | 68   | 207x | 82   | 115x |
| 100  | 207x | 120  | 115x | 150  | 207x | 180  | 115x | 220  | 207x | 270  | 115x |
| 330  | 207x | 390  | 115x | 470  | 207x | 560  | 115x | 680  | 207x | 820  | 115x |
| 1K   | 207x | 1K2  | 115x | 1K5  | 207x | 1K8  | 115x | 2K2  | 207x | 2K7  | 115x |
| 3K3  | 207x | 3K9  | 115x | 4K7  | 207x | 5K6  | 115x | 6K8  | 207x | 10K  | 207x |
| 15K  | 207x | 22K  | 207x | 33K  | 207x | 47K  | 207x | 68K  | 207x | 100K | 207x |
| 150K | 207x | 220K | 207x | 330K | 207x | 470K | 207x | 680K | 207x | 1M0  | 207x |

**SMR-07**

**Chip Resistor**  
**(7 Flaps FL24/10) 168 Values / 15.120 Pieces**

**Type/Brand:** RTT02 (RTR02) Fab. Ralec or alternative  
**Wattage:** 0,063 W  
**Tolerance:** ±1%  
**TK:** 100ppm/°C  
**Size:** 0402  
**Quantity:** 90 Pieces / Value  
**Values:** 1 Ohm -10M Ohm (E24) (except 9M09)  
**Binder:** 1 x CCO-70 (Dimension 318x260x70)

REV: 21.05.2014

**SMR-09** *Type discontinued, delivery as long as stocks last*

**Chip Resistor**  
**(11 Flaps FL24/10) 263 Values / 15.254 Pieces**

**Type/Brand:** RK73H (C0402) / KOA or Alternative

**Wattage:** 0,063 W

**Tolerance:** ±1%

**TK:** 100ppm/°C

**Size:** 0402

**Quantity:** 58 Pieces / Value

**Values:** 10 Ohm -10M Ohm (Ergänzung zur E-96) (except 7M87)

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

**This assortment results in the E-96 serie in addition of the SMR-08**

**SMR-61**

**Chip Resistor**  
**((5 Flaps FL24/10) 120 Values / 18.100 Pieces**

**Type/Brand:** RTT03 / Fab. RALEC

**Wattage:** 0,1W

**Tolerance:** ±1%

**TK:** 100ppm/°C

**Size:** 0603

**Values:** 10 Ohm -1M Ohm (E24) (except 910K)

**Binder:** 1 x CCO-70 (Dimensions: 318x260x70)

REV: 21.05.2014